

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\  
 Data File : VX007687.D  
 Acq On : 26 Feb 2019 00:49  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 26 04:44:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 286815   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 467710   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 453605   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 231287   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 189912   | 53.46 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.92% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 165959   | 53.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.16% |          |
| 50) Toluene-d8              | 8.71  | 98   | 596092   | 49.80 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.60%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 228176   | 51.94 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.88% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 110919   | 41.981  | ug/l  | 96     |
| 3) Chloromethane              | 1.33 | 50   | 142309   | 48.605  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.41 | 62   | 128883   | 42.906  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 102880   | 54.515  | ug/l  | 99     |
| 6) Chloroethane               | 1.72 | 64   | 88765    | 46.253  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 189956   | 41.251  | ug/l  | 97     |
| 8) Diethyl Ether              | 2.19 | 74   | 100713   | 53.291  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 113258   | 40.693  | ug/l  | 93     |
| 10) Methyl Iodide             | 2.51 | 142  | 182307   | 52.604  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 182232   | 270.343 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 112744   | 44.939  | ug/l  | 99     |
| 13) Acrolein                  | 2.29 | 56   | 139818   | 233.422 | ug/l  | 100    |
| 14) Allyl chloride            | 2.73 | 41   | 220618   | 47.558  | ug/l  | 98     |
| 15) Acrylonitrile             | 3.15 | 53   | 440102   | 277.438 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 383595   | 242.797 | ug/l  | 97     |
| 17) Carbon Disulfide          | 2.57 | 76   | 311773   | 44.668  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 192862   | 55.942  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 479209   | 54.851  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.86 | 84   | 153957   | 52.773  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 130726   | 47.930  | ug/l  | 96     |
| 22) Diisopropyl ether         | 3.87 | 45   | 499512   | 51.726  | ug/l  | 96     |
| 23) Vinyl Acetate             | 3.82 | 43   | 2224946  | 262.609 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 254281   | 48.450  | ug/l  | 97     |
| 25) 2-Butanone                | 4.70 | 43   | 648089   | 269.297 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 144171   | 34.414  | ug/l  | 95     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 179329   | 51.673  | ug/l  | 96     |
| 28) Bromochloromethane        | 5.01 | 49   | 133570   | 52.278  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 429120   | 270.505 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 292026   | 51.945  | ug/l  | 99     |
| 31) Cyclohexane               | 5.57 | 56   | 200560   | 40.626  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 215835   | 46.423  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 181939   | 43.269  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.85 | 43   | 249077   | 53.325  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 180191   | 42.660  | ug/l  | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\  
 Data File : VX007687.D  
 Acq On : 26 Feb 2019 00:49  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Feb 26 04:44:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 211889   | 39.871   | ug/l  | 97       |
| 40) Benzene                    | 6.14  | 78   | 642483   | 49.497   | ug/l  | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 135884   | 54.480   | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 231067   | 52.963   | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 392282   | 54.568   | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 166833   | 46.723   | ug/l  | 95       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 170175   | 50.611   | ug/l  | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 121504   | 51.798   | ug/l  | 94       |
| 47) Bromodichloromethane       | 7.90  | 83   | 216267   | 53.201   | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 200150   | 53.115   | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 86131    | 1058.275 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1320914  | 274.502  | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 404351   | 49.401   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 236584   | 46.992   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 256899   | 52.077   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 186681   | 54.693   | ug/l  | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 270698   | 55.769   | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 292976   | 53.621   | ug/l  | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 698639   | 261.011  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 993787   | 263.053  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 185443   | 56.463   | ug/l  | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 197417   | 55.708   | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 169139   | 45.931   | ug/l  | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 473776   | 48.292   | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 172333   | 50.358   | ug/l  | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 763090   | 46.954   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 596563   | 94.357   | ug/l  | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 298227   | 49.039   | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 504199   | 50.440   | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 134777   | 52.520   | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 738128   | 44.653   | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 365745   | 50.950   | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 269641   | 47.162   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 307450   | 62.363   | ug/l  | 81       |
| 77) Bromobenzene               | 11.26 | 156  | 207823   | 50.124   | ug/l  | 92       |
| 78) n-propylbenzene            | 11.36 | 91   | 854288   | 45.734   | ug/l  | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 527350   | 46.886   | ug/l  | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 632837   | 46.542   | ug/l  | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 77100    | 42.395   | ug/l  | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 613191   | 46.604   | ug/l  | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 595131   | 45.586   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 656010   | 47.166   | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 726020   | 44.379   | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 651314   | 45.460   | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 367834   | 47.828   | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 373005   | 47.357   | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 563745   | 44.121   | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 110224   | 45.660   | ug/l  | 85       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 370927   | 48.203   | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 58472    | 46.938   | ug/l  | 89       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\  
Data File : VX007687.D  
Acq On : 26 Feb 2019 00:49  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 34 Sample Multiplier: 1

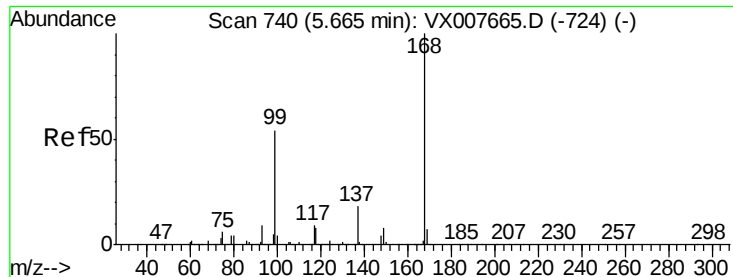
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Feb 26 04:44:12 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 26 01:53:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 242021   | 51.525 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 92781    | 43.178 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 831608   | 54.646 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 242532   | 51.423 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

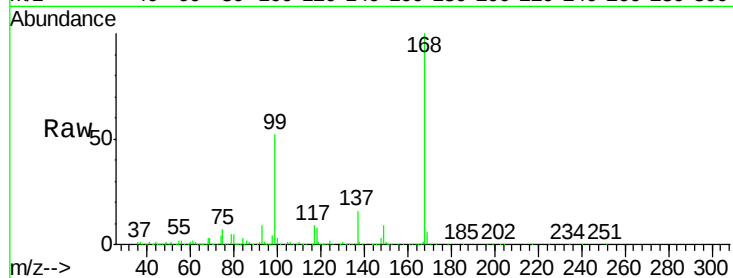
VSTDCCC050

Tot Ion:168 Resp: 286815

Ion Ratio Lower Upper

168 100

99 52.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

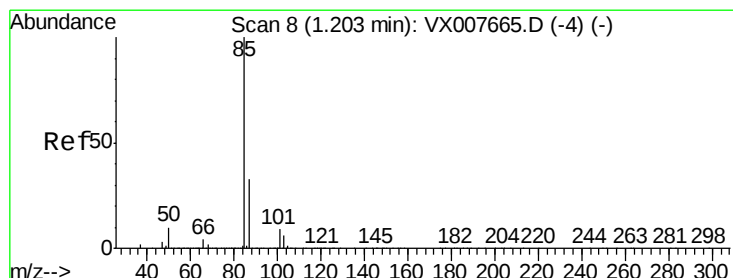
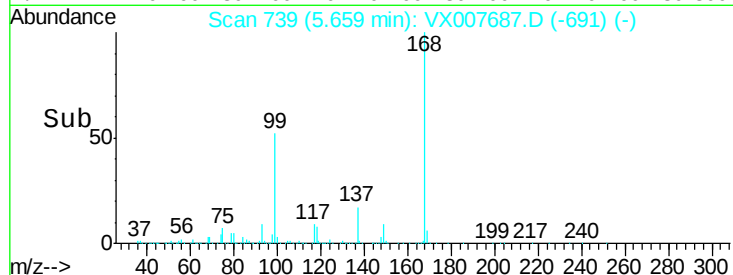
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.981 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007687.D

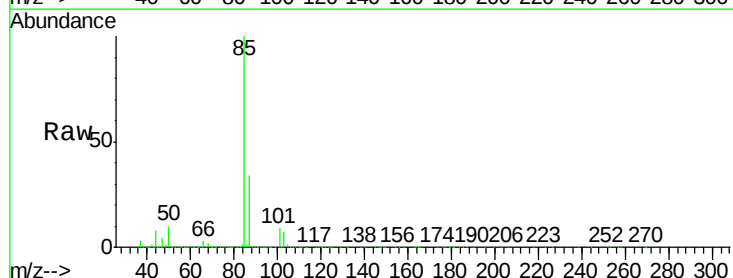
Acq: 26 Feb 2019 00:49

Tgt Ion: 85 Resp: 110919

Ion Ratio Lower Upper

85 100

87 33.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

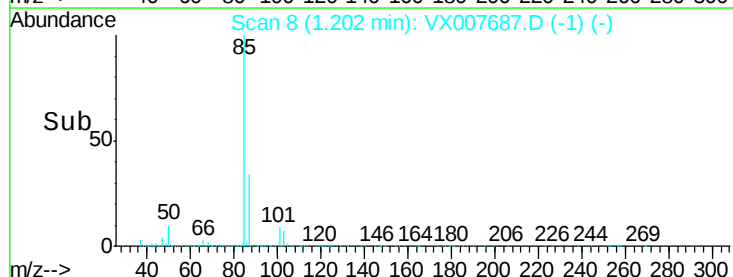
60000

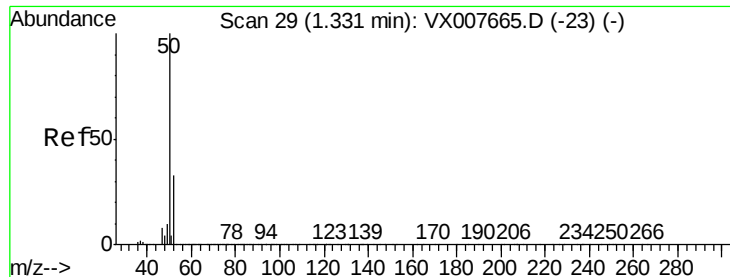
40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.605 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

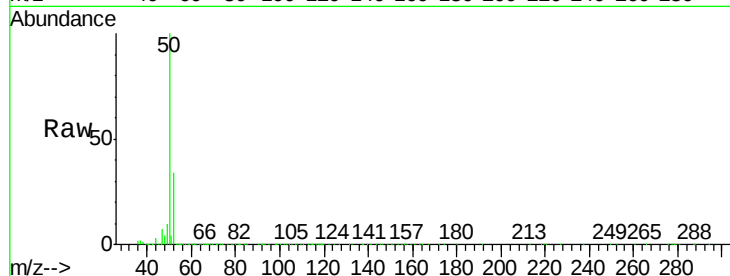
VSTDCCC050

Tot Ion: 50 Resp: 142309

Ion Ratio Lower Upper

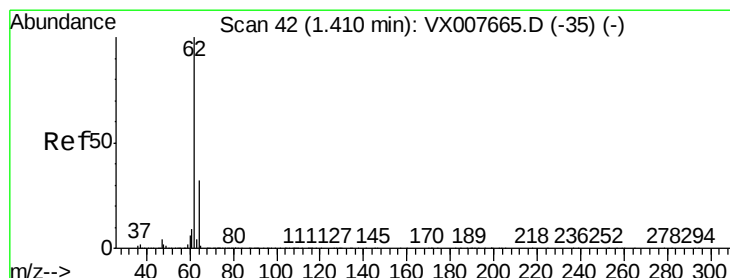
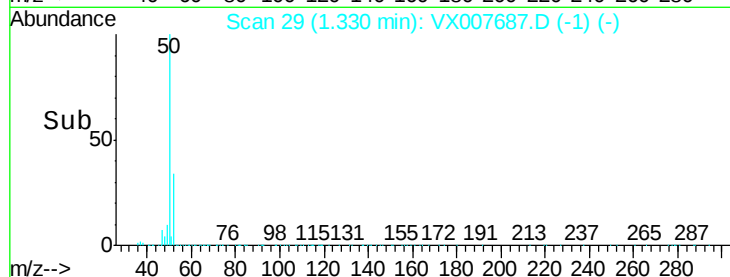
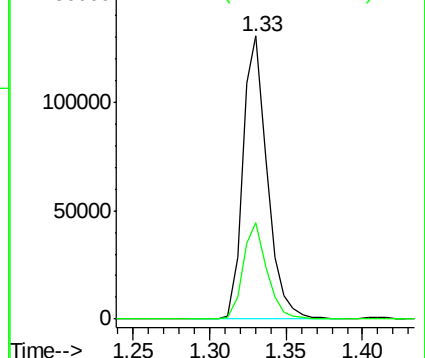
50 100

52 33.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.906 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007687.D

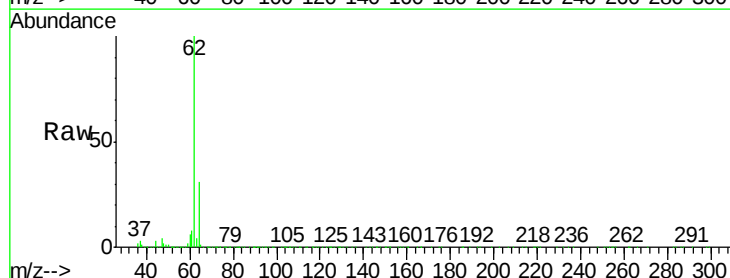
Acq: 26 Feb 2019 00:49

Tgt Ion: 62 Resp: 128883

Ion Ratio Lower Upper

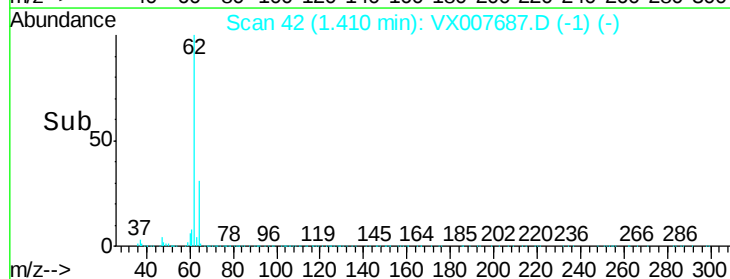
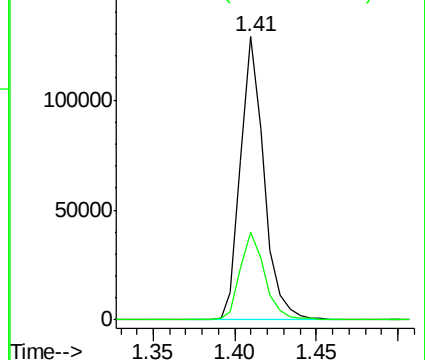
62 100

64 30.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.515 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

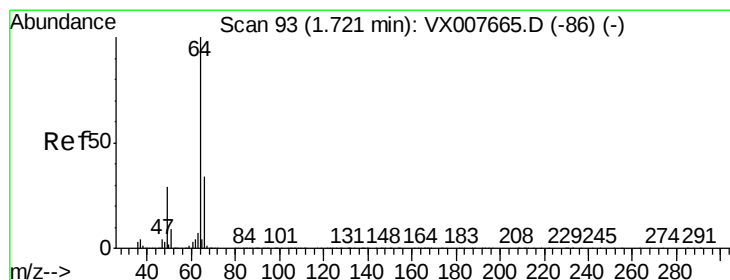
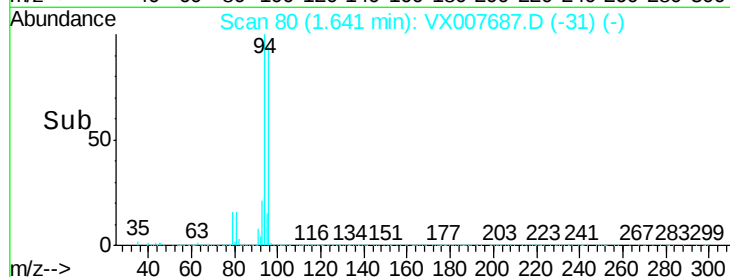
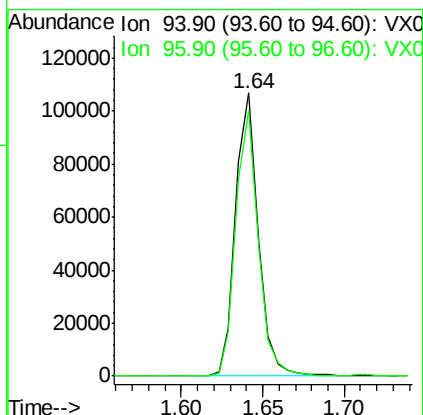
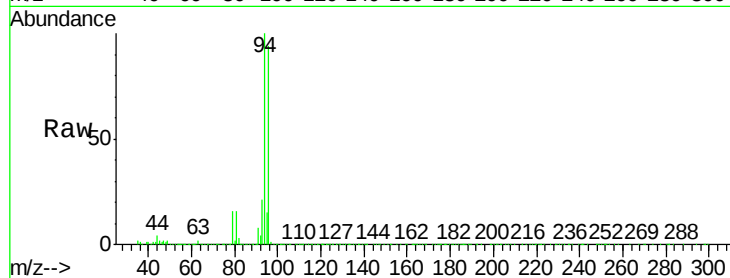
VSTDCCC050

Tot Ion: 94 Resp: 102880

Ion Ratio Lower Upper

94 100

96 93.5 73.9 110.9



#6

Chloroethane

Concen: 46.253 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007687.D

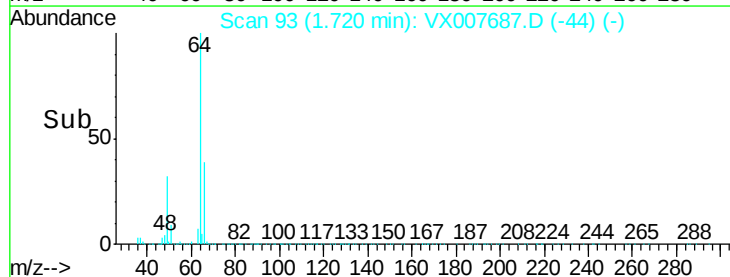
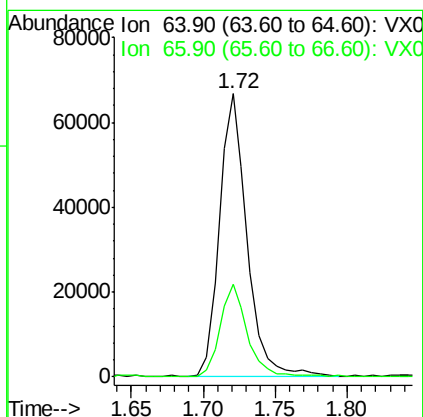
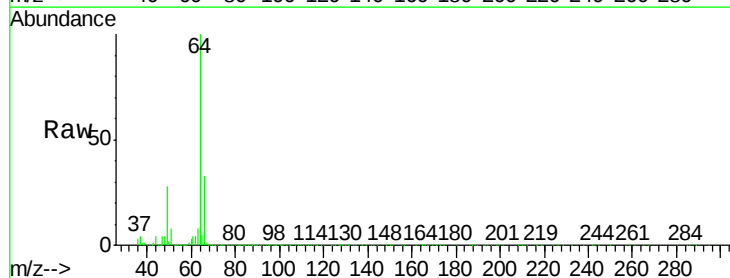
Acq: 26 Feb 2019 00:49

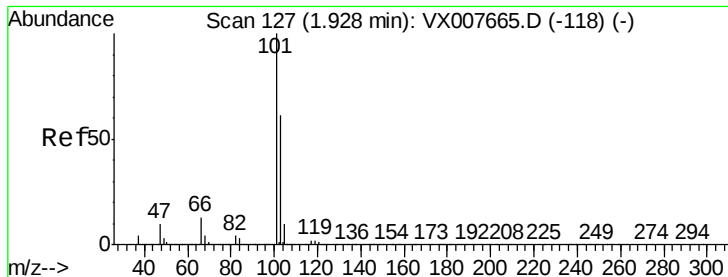
Tgt Ion: 64 Resp: 88765

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3



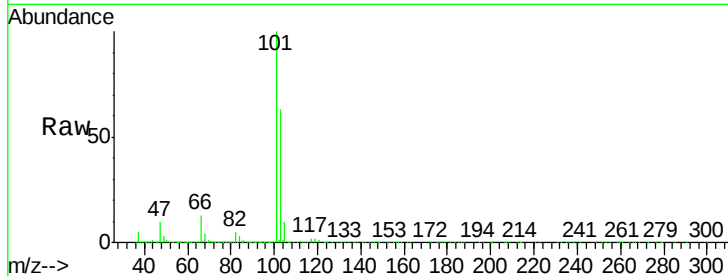


#7

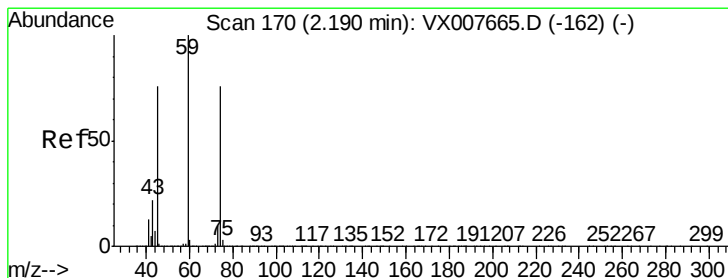
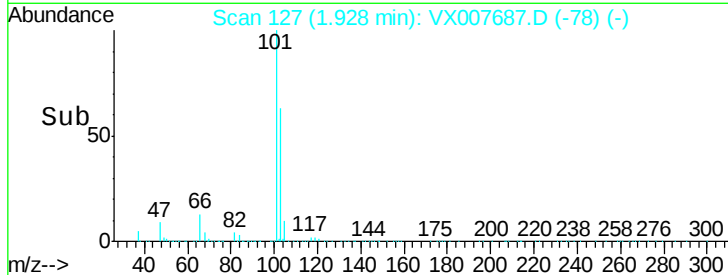
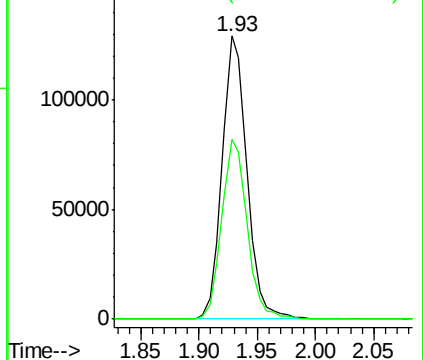
Trichlorofluoromethane  
 Concen: 41.251 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. -0.00 min  
 Lab File: VX007687.D  
 Acq: 26 Feb 2019 00:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:101 Resp: 189956  
 Ion Ratio Lower Upper  
 101 100  
 103 63.2 52.6 79.0



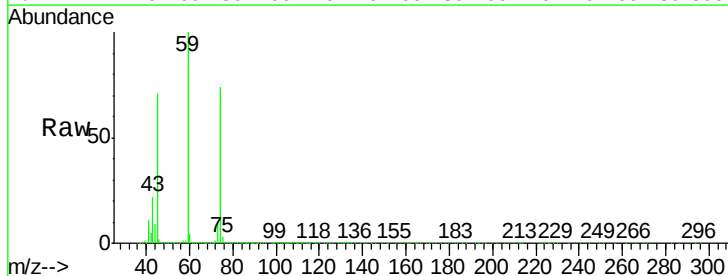
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



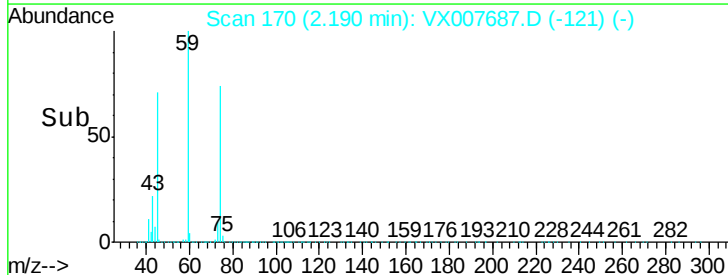
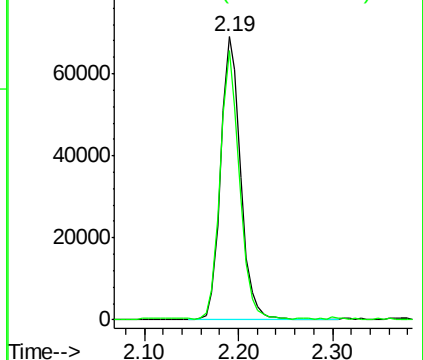
#8

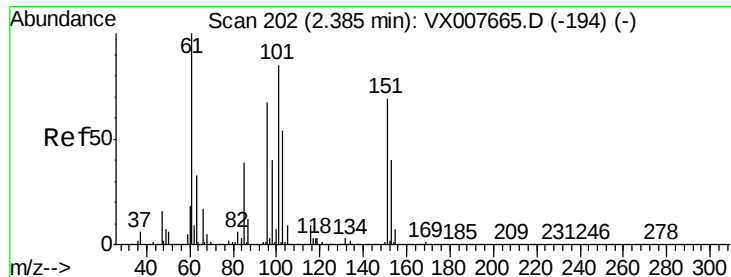
Diethyl Ether  
 Concen: 53.291 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX007687.D  
 Acq: 26 Feb 2019 00:49

Tgt Ion: 74 Resp: 100713  
 Ion Ratio Lower Upper  
 74 100  
 45 92.1 45.7 137.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.693 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

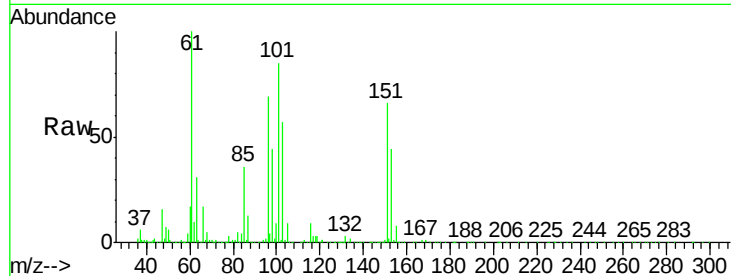
Tot Ion:101 Resp: 113258

Ion Ratio Lower Upper

101 100

85 45.1 34.1 51.1

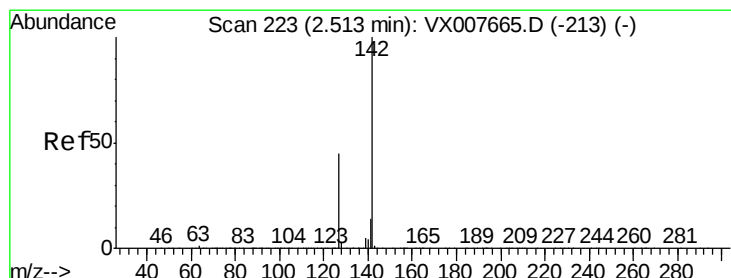
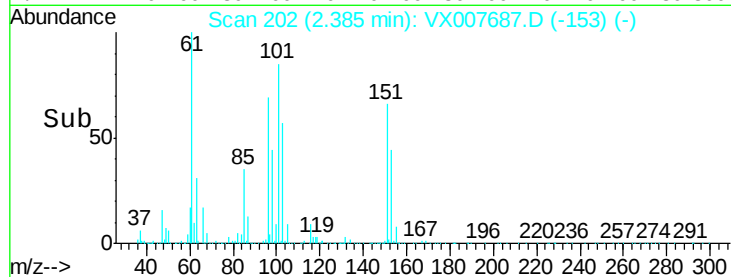
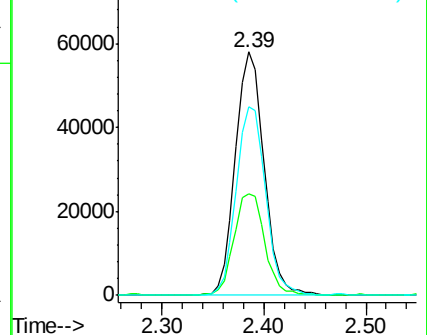
151 79.3 69.9 104.9



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: 52.604 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

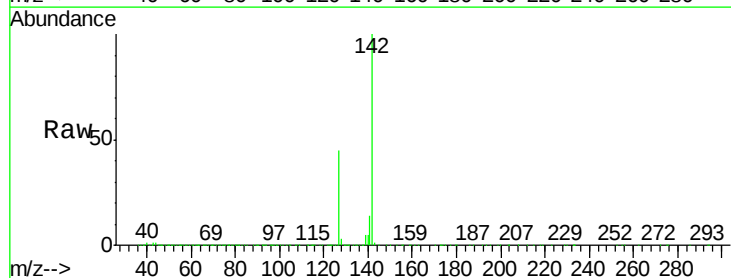
Tgt Ion:142 Resp: 182307

Ion Ratio Lower Upper

142 100

127 43.8 33.7 50.5

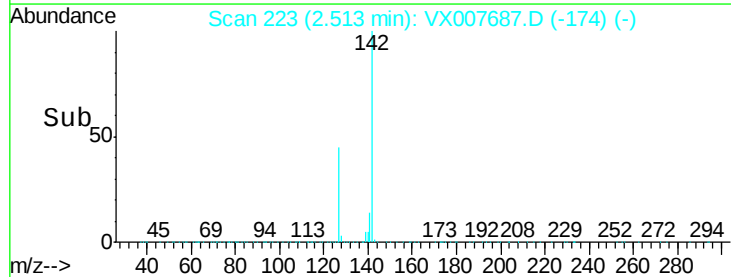
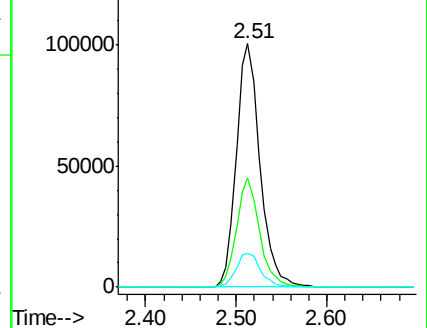
141 14.6 11.3 16.9



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

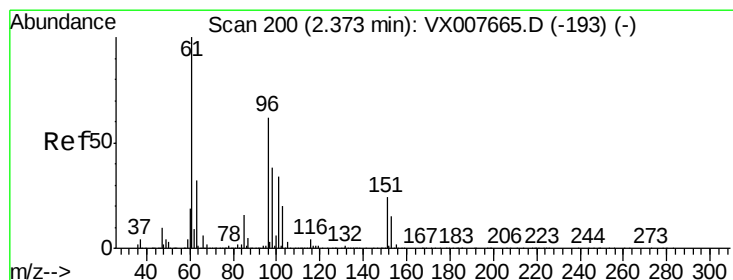
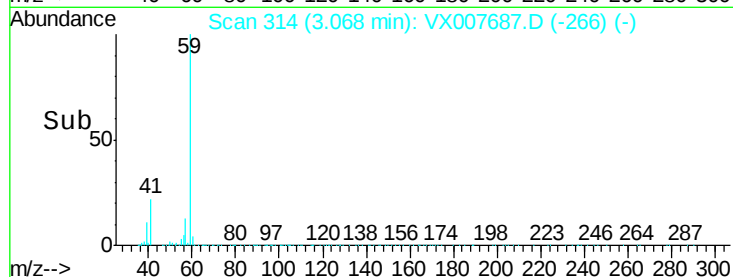
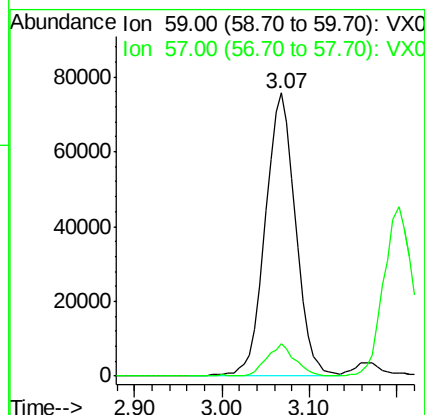
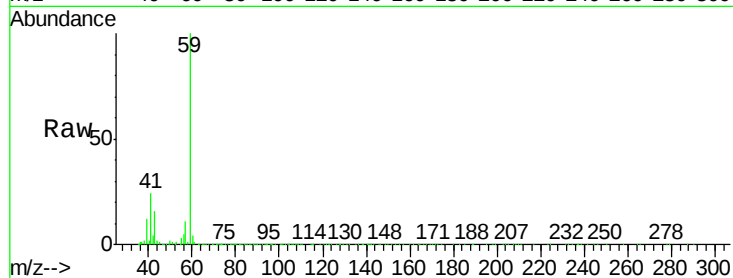




#11  
Tert butyl alcohol  
Concen: 270.343 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

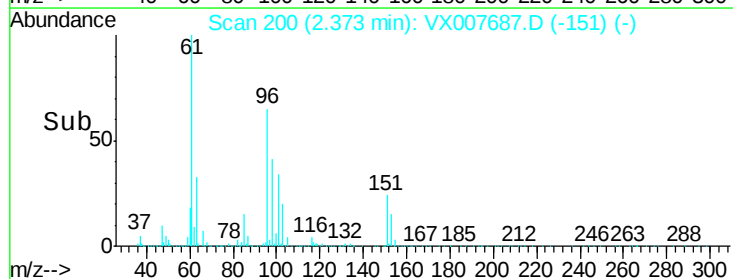
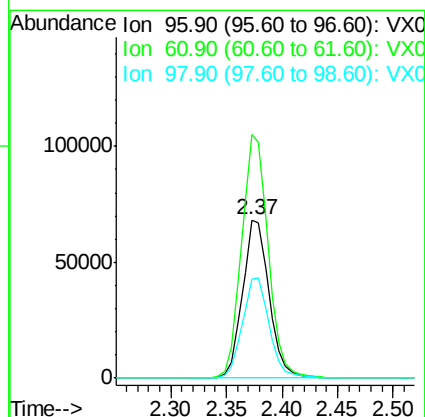
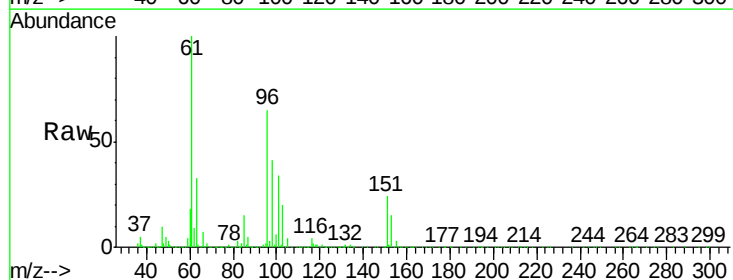
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

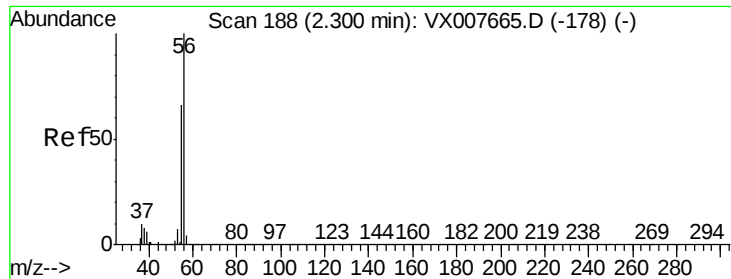
Tot Ion: 59 Resp: 182232  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 44.939 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion: 96 Resp: 112744  
Ion Ratio Lower Upper  
96 100  
61 153.5 123.0 184.4  
98 62.5 50.9 76.3

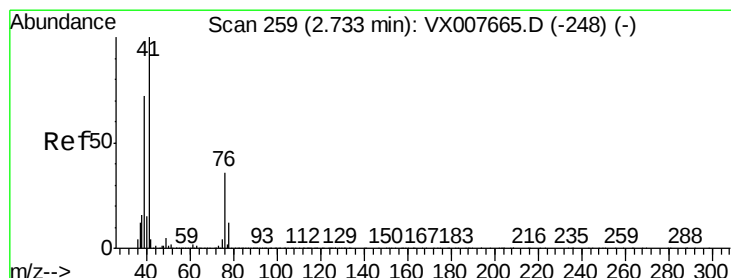
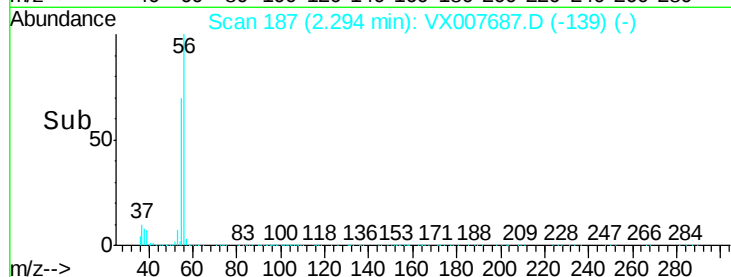
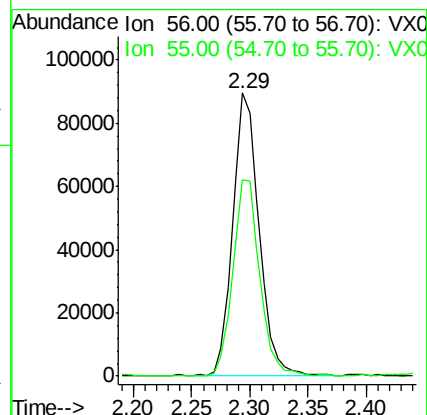
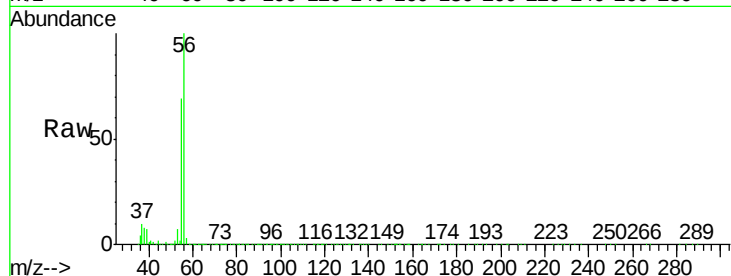




#13  
Acrolein  
Concen: 233.422 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

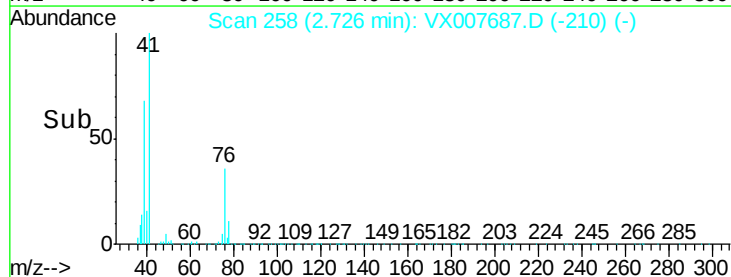
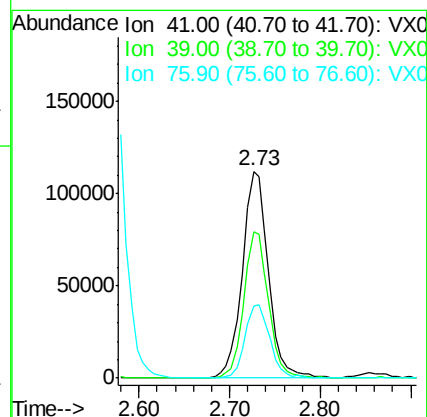
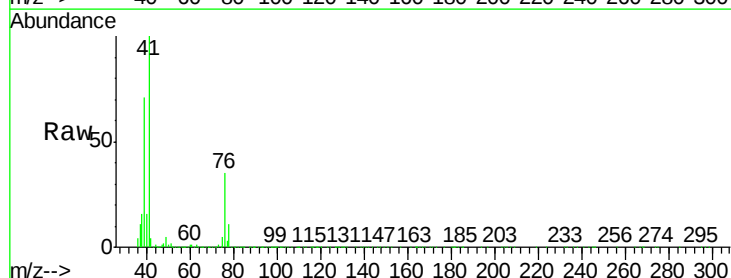
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 56 Resp: 139818  
Ion Ratio Lower Upper  
56 100  
55 71.1 56.9 85.3



#14  
Allyl chloride  
Concen: 47.558 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion: 41 Resp: 220618  
Ion Ratio Lower Upper  
41 100  
39 66.0 54.1 81.1  
76 33.8 27.8 41.8





#15

Acrylonitrile

Concen: 277.438 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

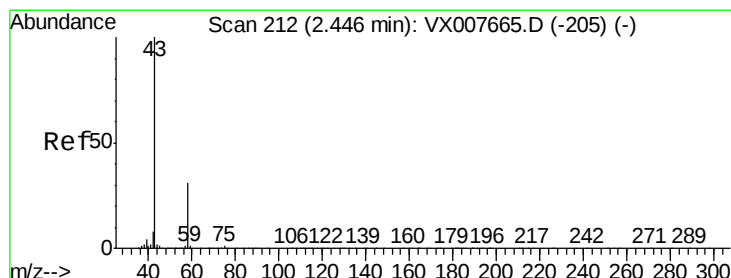
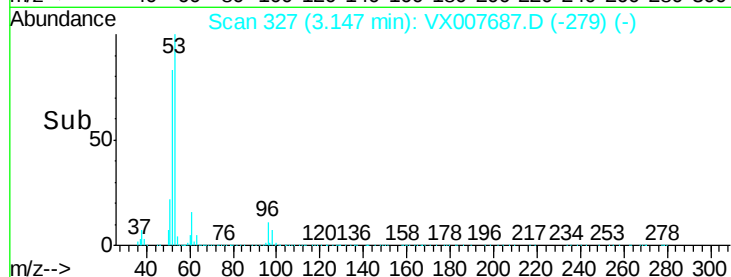
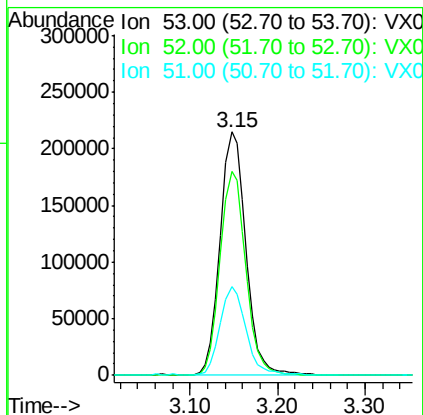
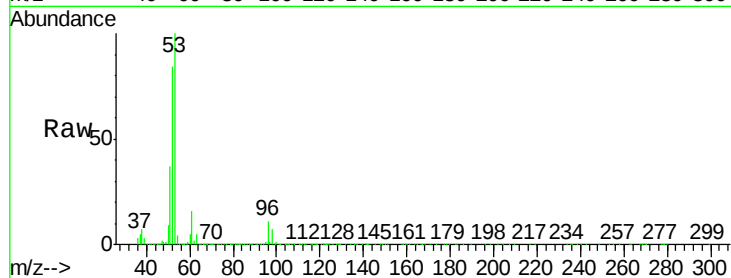
Tot Ion: 53 Resp: 440102

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

51 36.6 28.4 42.6



#16

Acetone

Concen: 242.797 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007687.D

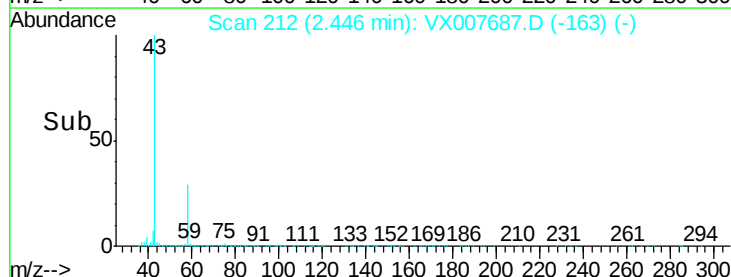
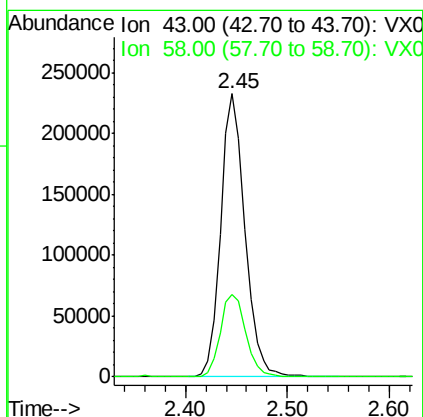
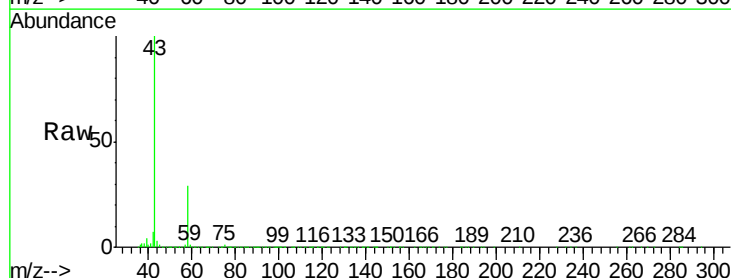
Acq: 26 Feb 2019 00:49

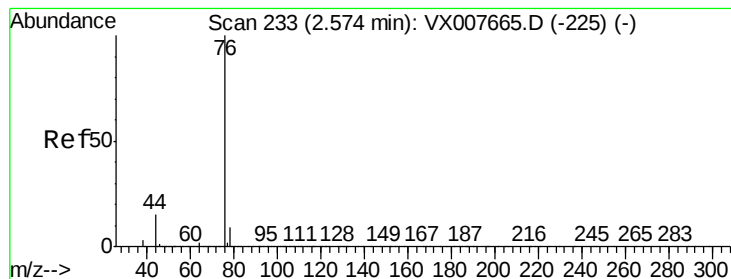
Tgt Ion: 43 Resp: 383595

Ion Ratio Lower Upper

43 100

58 29.3 24.9 37.3





#17

Carbon Disulfide

Concen: 44.668 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

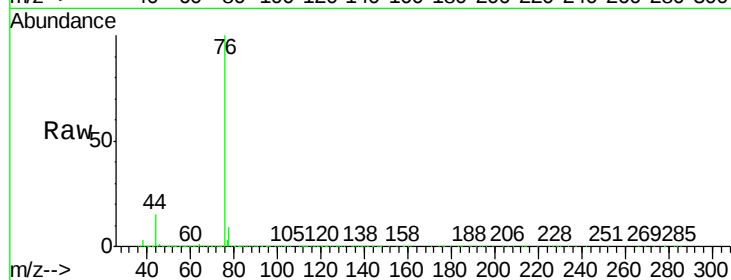
VSTDCCC050

Tot Ion: 76 Resp: 311773

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

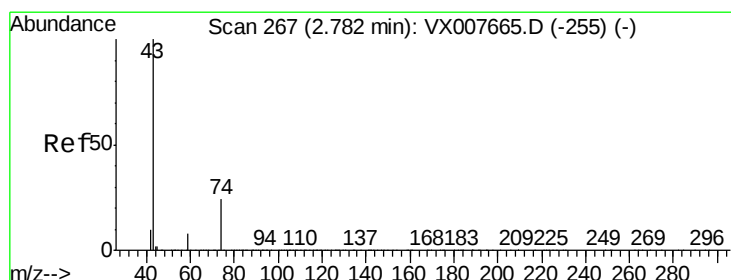
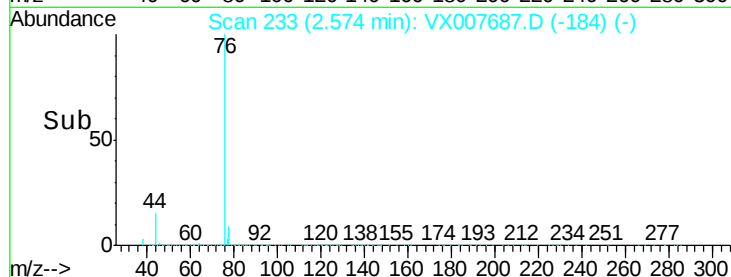
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 55.942 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007687.D

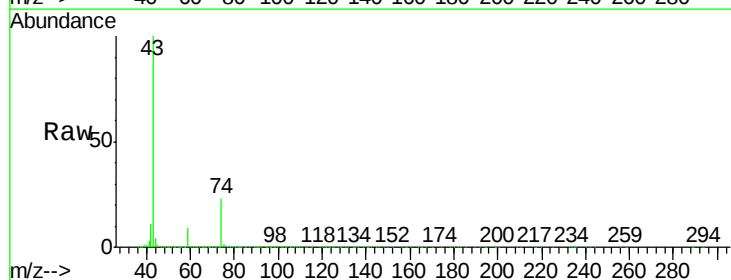
Acq: 26 Feb 2019 00:49

Tgt Ion: 43 Resp: 192862

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

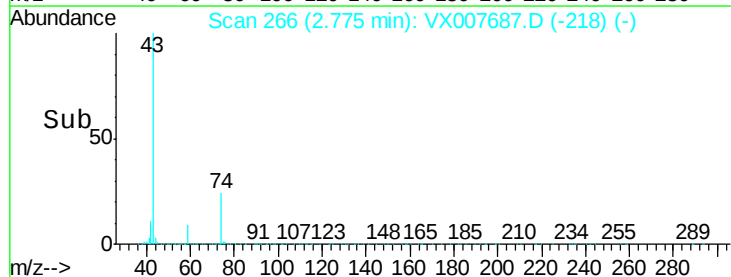
40000

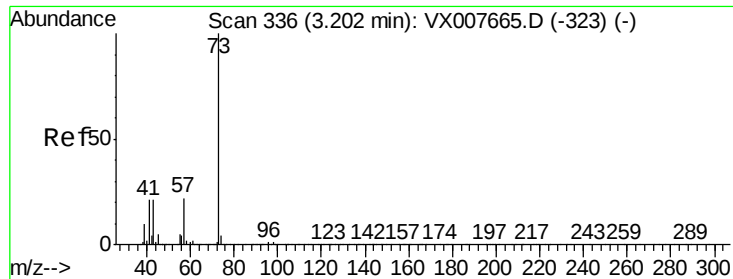
20000

0

2.70 2.75 2.80 2.85

Time-->

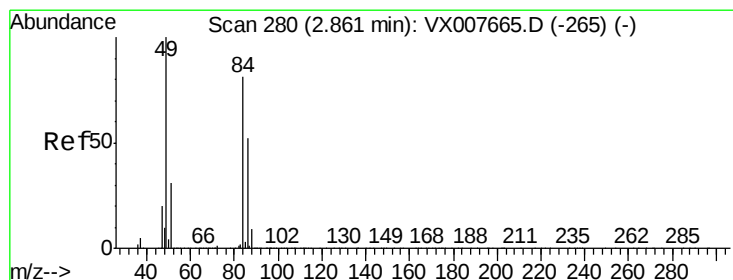
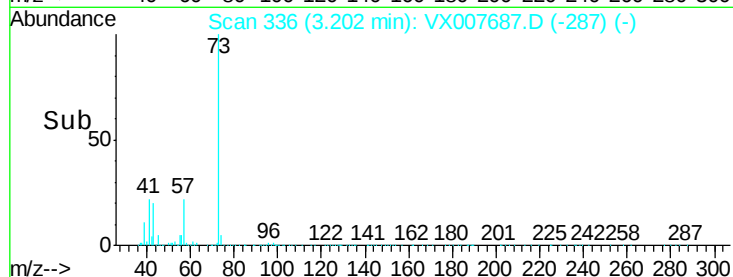
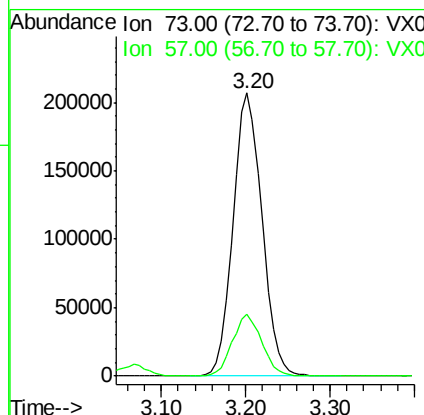
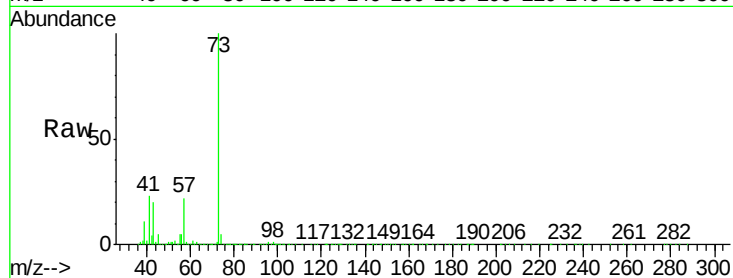




#19  
Methvl tert-butvl Ether  
Concen: 54.851 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

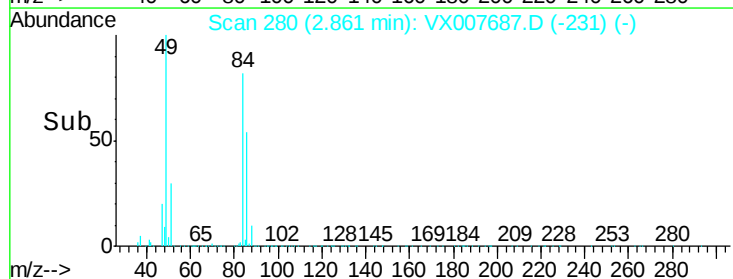
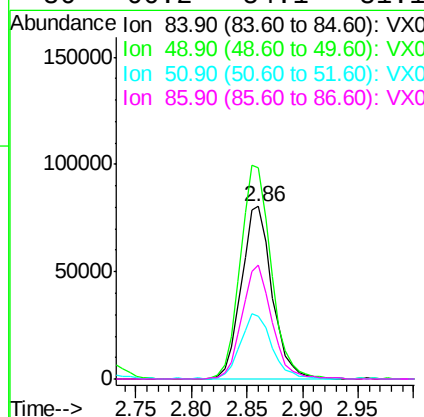
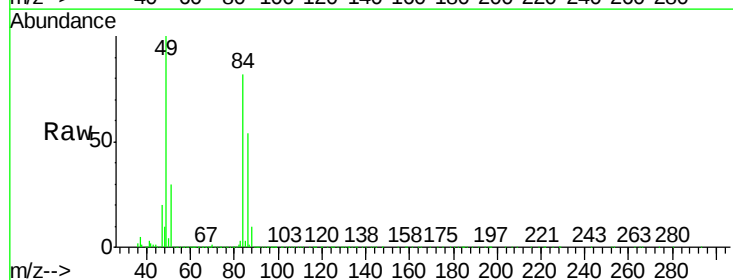
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 479209  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.8 26.8



#20  
Methylene Chloride  
Concen: 52.773 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion: 84 Resp: 153957  
Ion Ratio Lower Upper  
84 100  
49 122.0 94.8 142.2  
51 36.6 29.8 44.8  
86 66.2 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 47.930 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

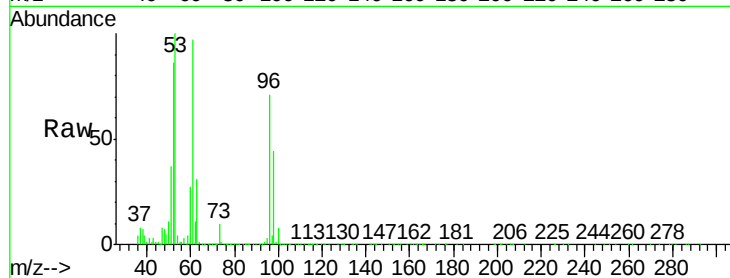
Tot Ion: 96 Resp: 130726

Ion Ratio Lower Upper

96 100

61 136.9 104.6 156.8

98 62.3 51.0 76.4

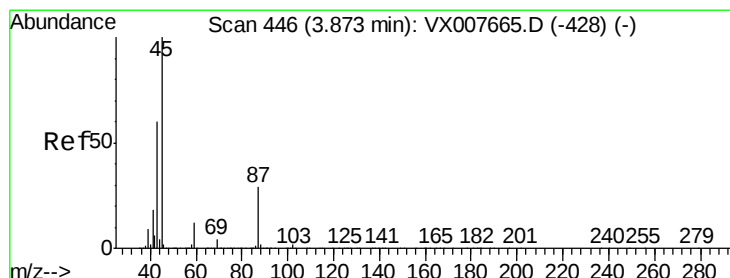
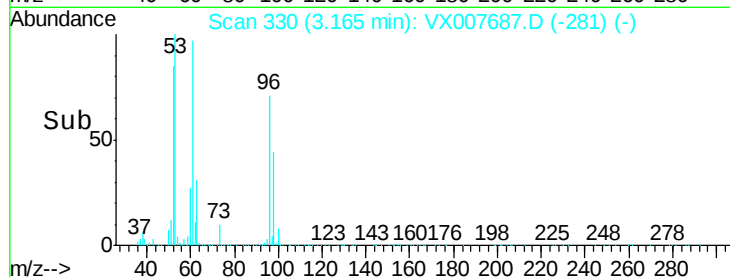
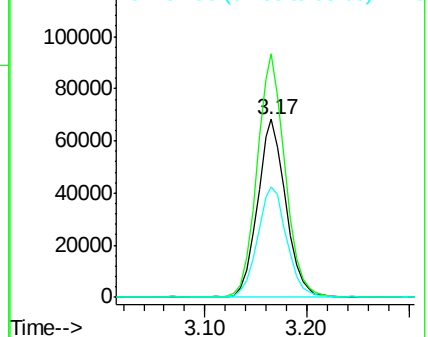


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.726 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Tgt Ion: 45 Resp: 499512

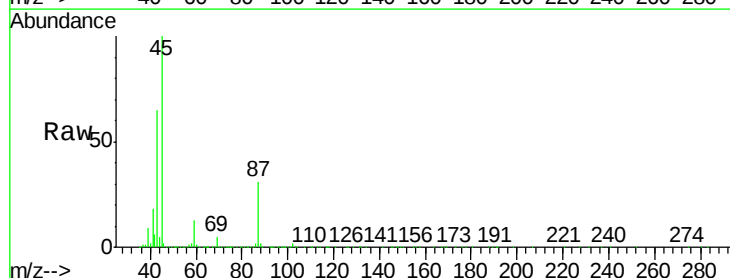
Ion Ratio Lower Upper

45 100

43 64.8 48.9 73.3

87 30.9 23.9 35.9

59 12.4 9.6 14.4



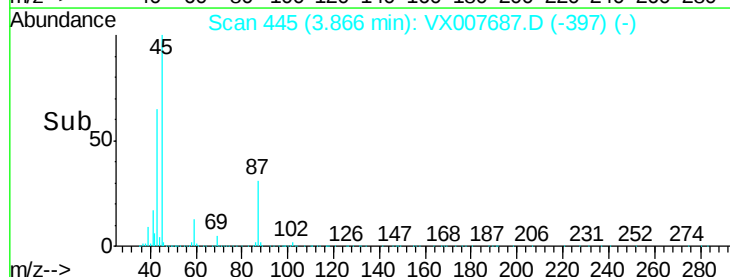
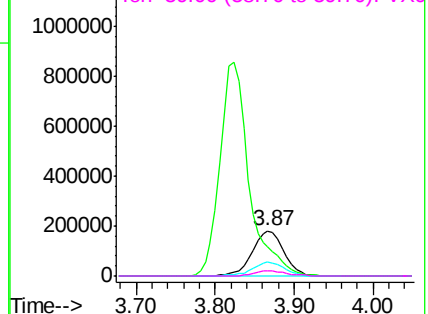
Abundance

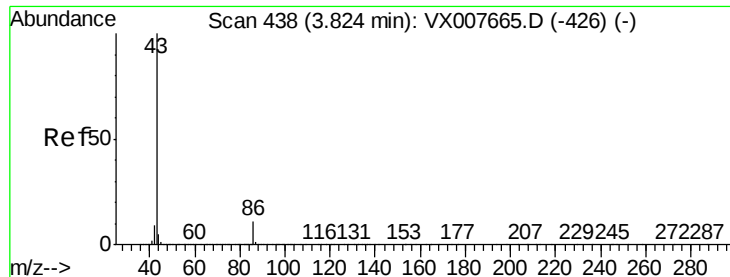
Ion 45.00 (44.70 to 45.70): VX0

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: 262.609 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

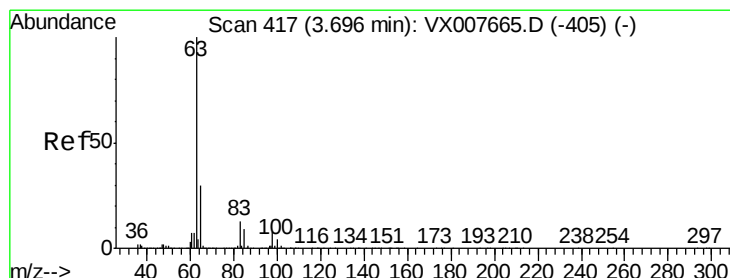
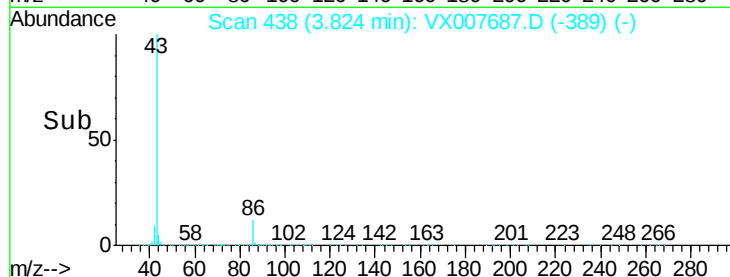
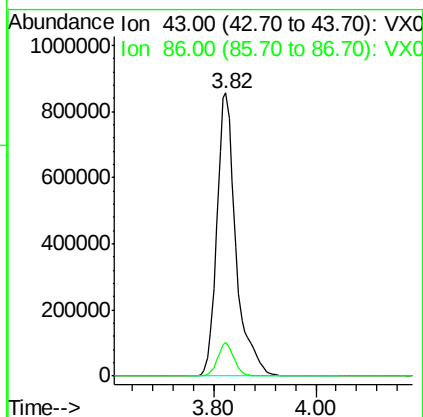
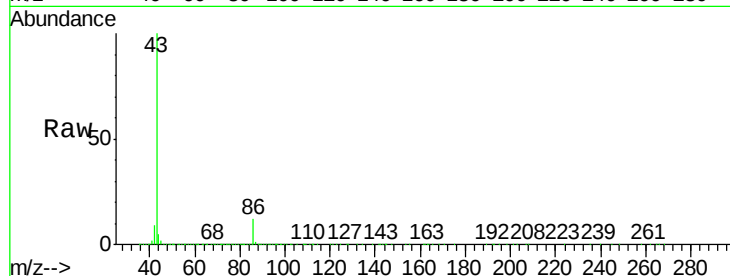
VSTDCCC050

Tot Ion: 43 Resp: 2224946

Ion Ratio Lower Upper

43 100

86 11.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.450 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

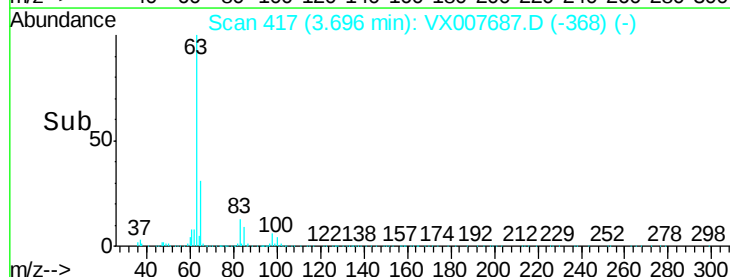
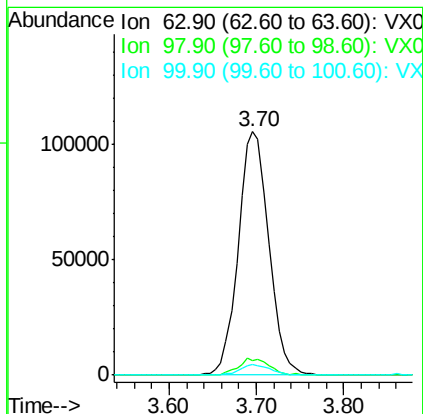
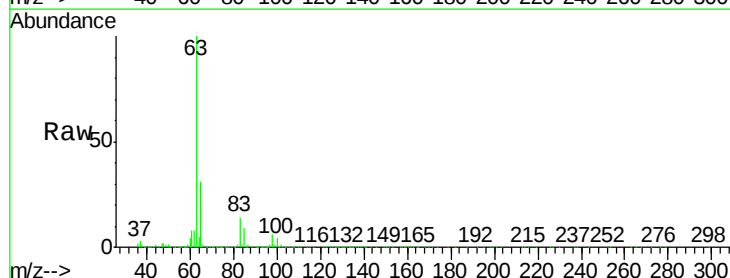
Tgt Ion: 63 Resp: 254281

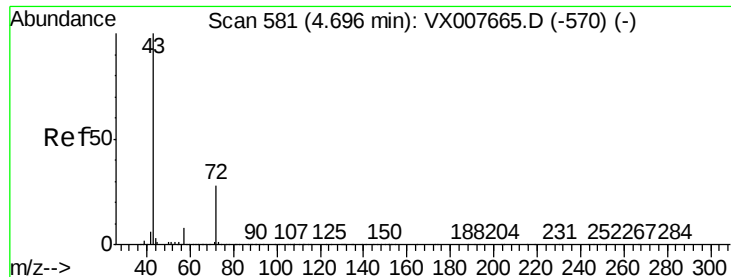
Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 269.297 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

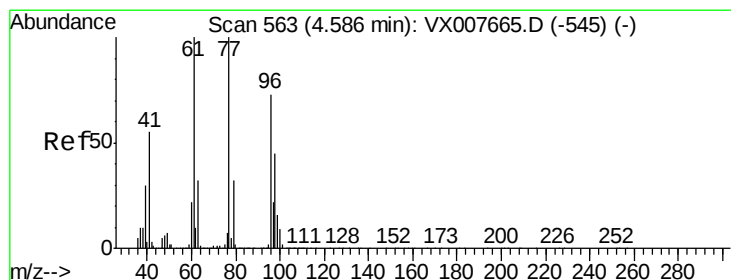
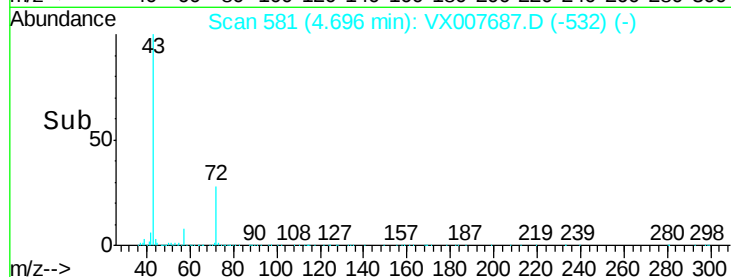
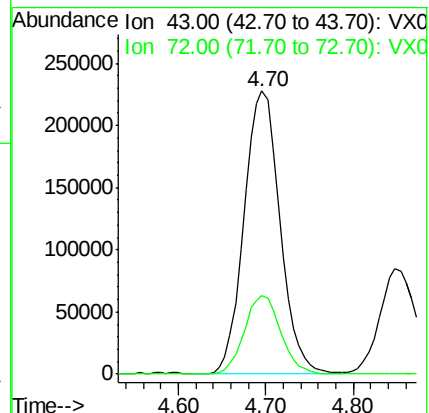
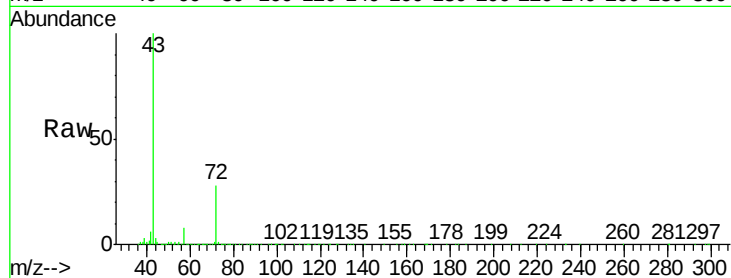
VSTDCCC050

Tot Ion: 43 Resp: 648089

Ion Ratio Lower Upper

43 100

72 27.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 34.414 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007687.D

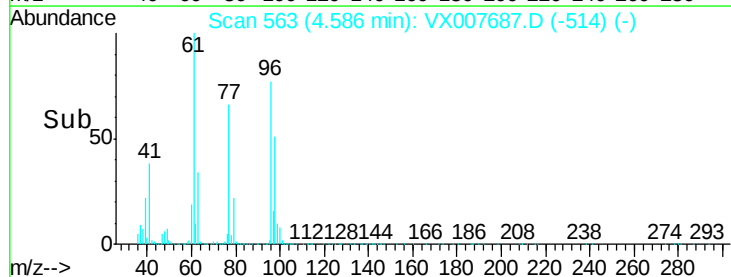
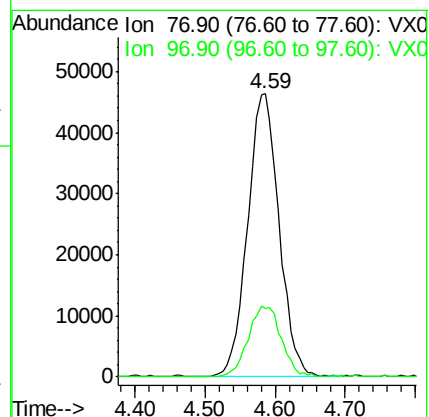
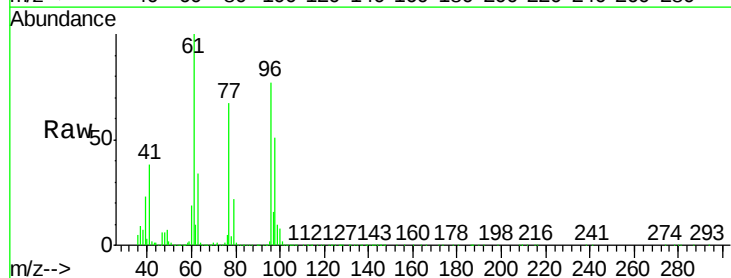
Acq: 26 Feb 2019 00:49

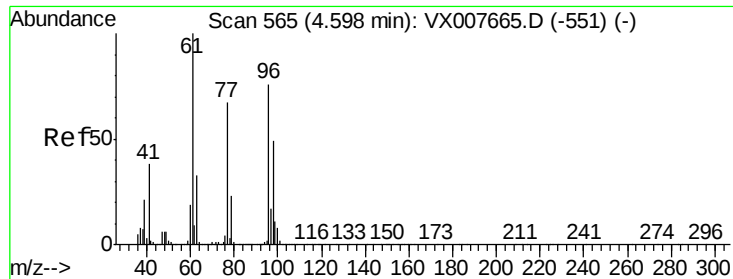
Tgt Ion: 77 Resp: 144171

Ion Ratio Lower Upper

77 100

97 26.4 12.1 36.3



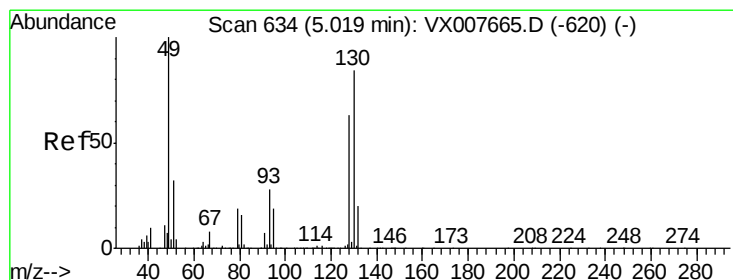
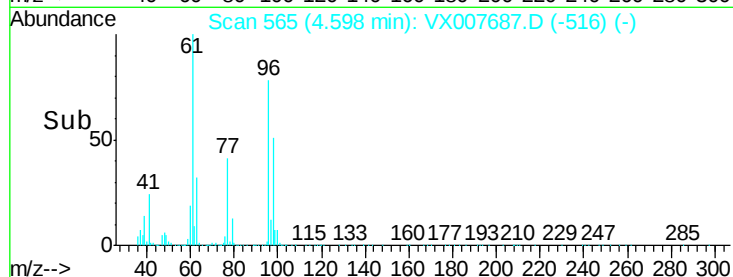
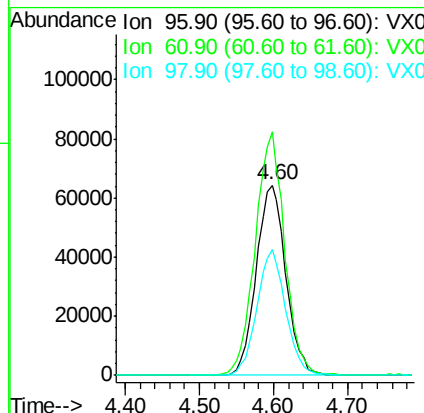
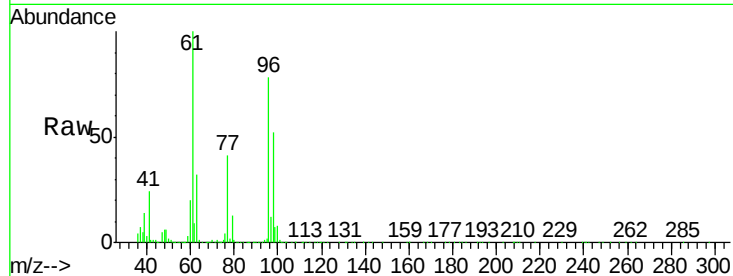


#27

cis-1,2-Dichloroethene  
Concen: 51.673 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

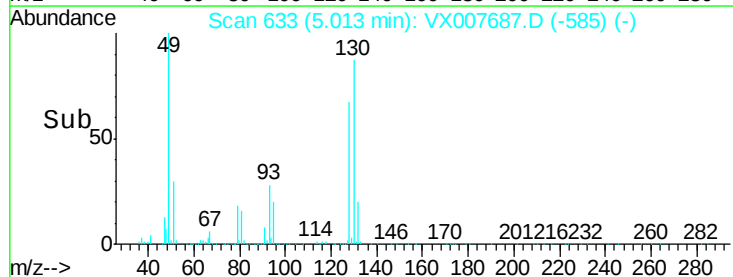
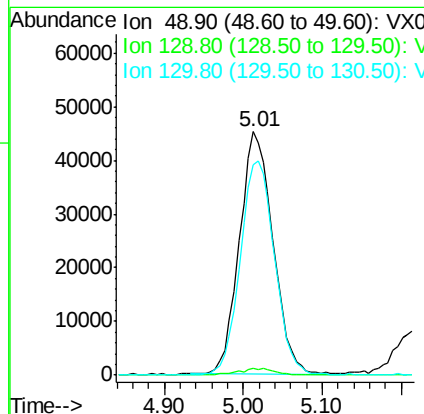
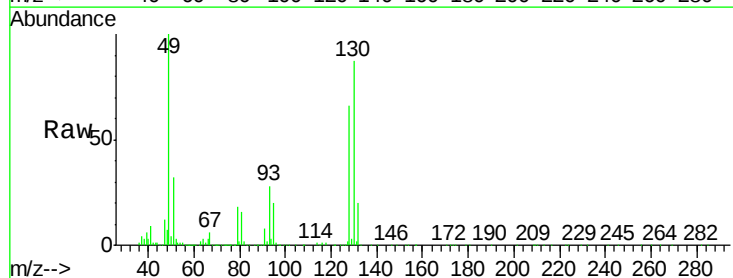
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 126.7 | 0.0   | 265.6 |
| 98      | 63.9  | 0.0   | 131.6 |

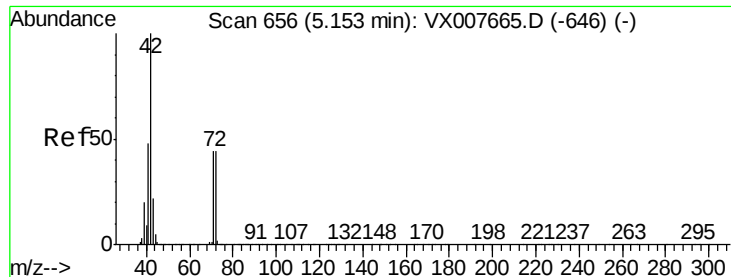


#28

Bromochloromethane  
Concen: 52.278 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.8   | 0.0   | 5.6   |
| 130     | 90.3  | 75.6  | 113.4 |





#29

Tetrahydrofuran

Concen: 270.505 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

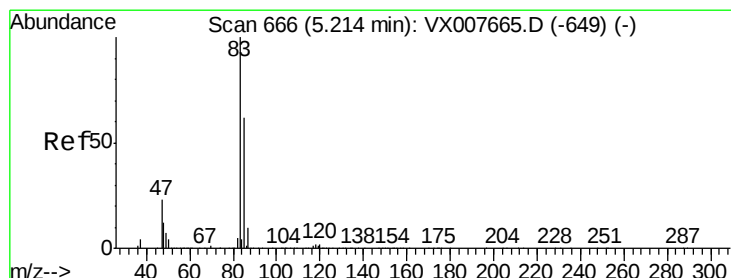
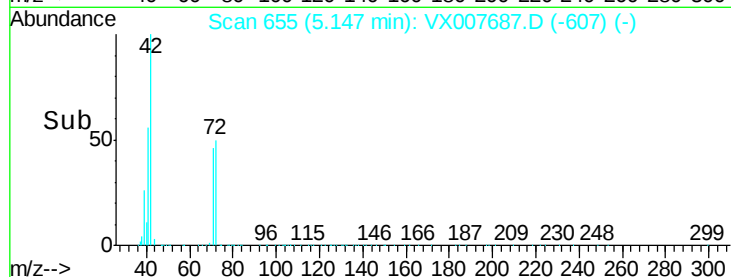
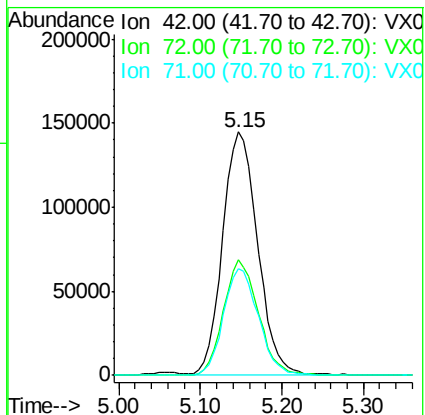
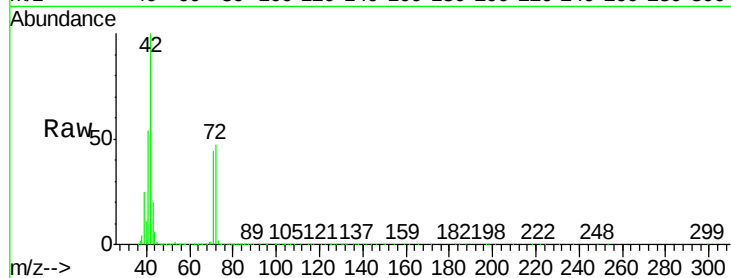
Tot Ion: 42 Resp: 429120

Ion Ratio Lower Upper

42 100

72 47.3 37.6 56.4

71 43.7 34.6 51.8



#30

Chloroform

Concen: 51.945 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007687.D

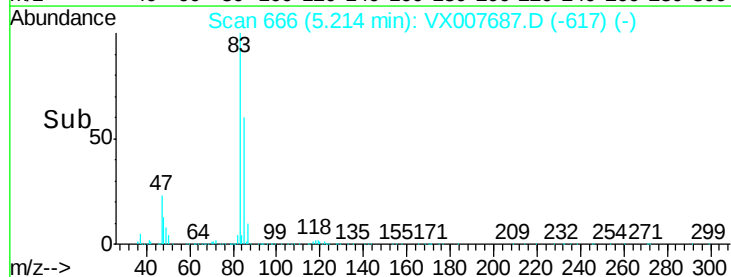
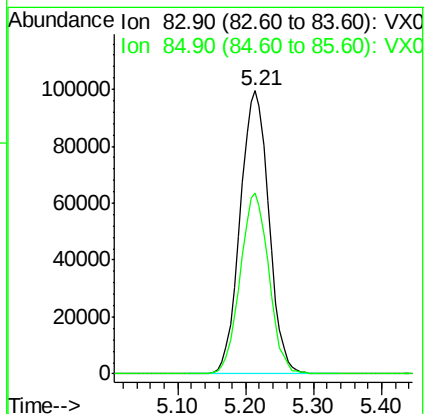
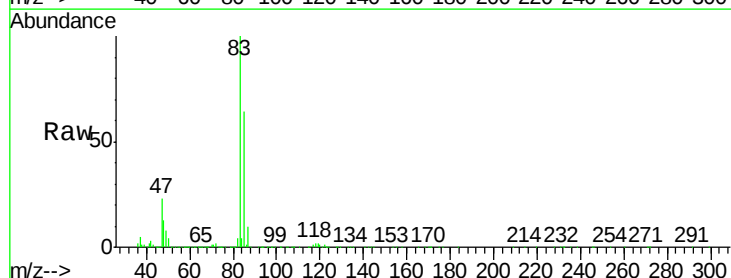
Acq: 26 Feb 2019 00:49

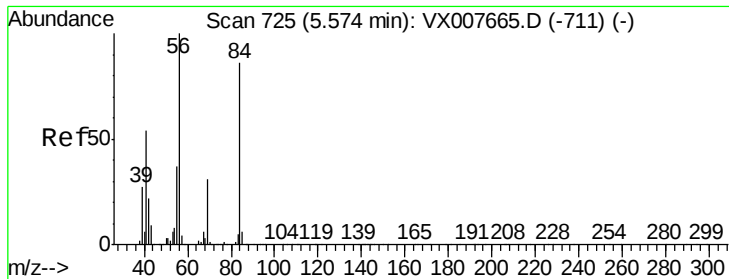
Tgt Ion: 83 Resp: 292026

Ion Ratio Lower Upper

83 100

85 63.7 51.6 77.4

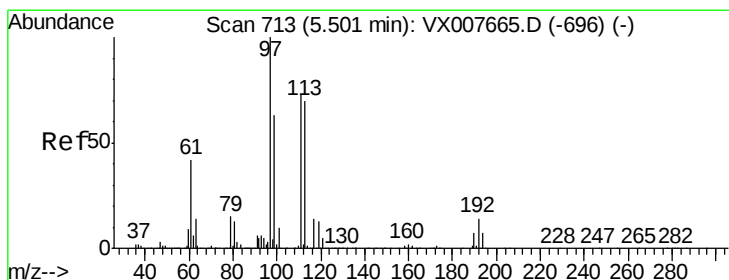
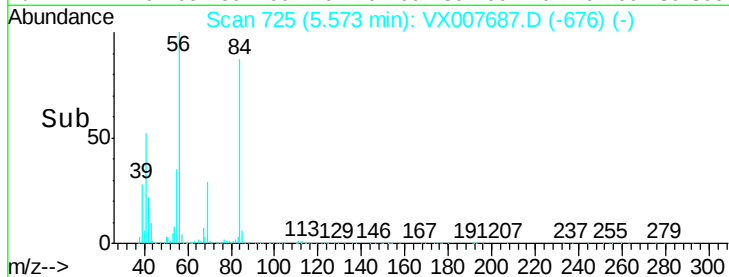
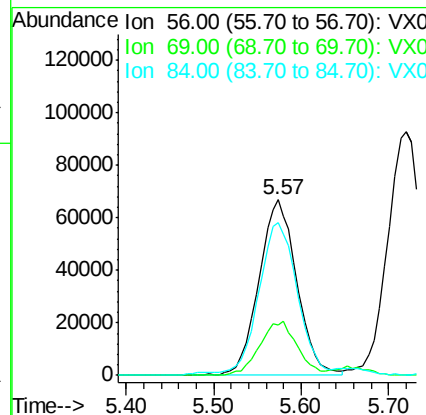
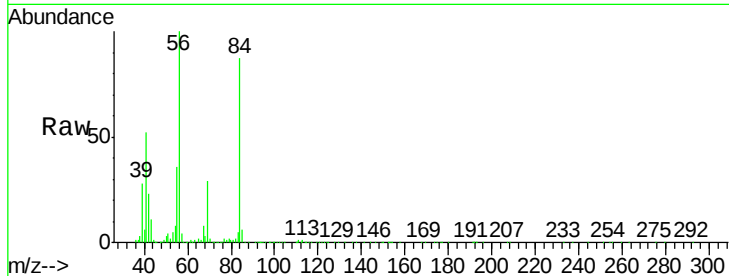




#31  
Cyclohexane  
Concen: 40.626 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

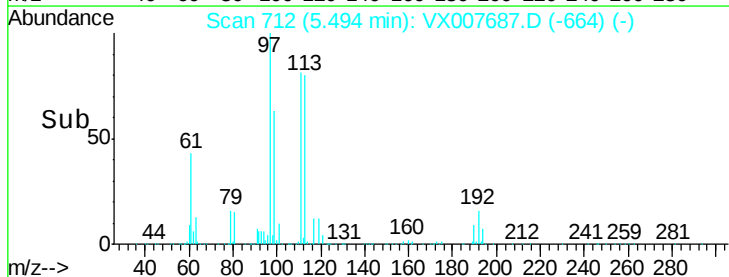
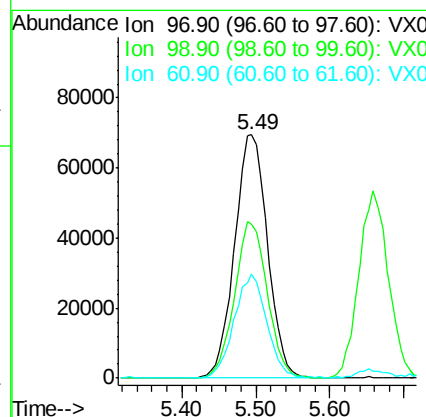
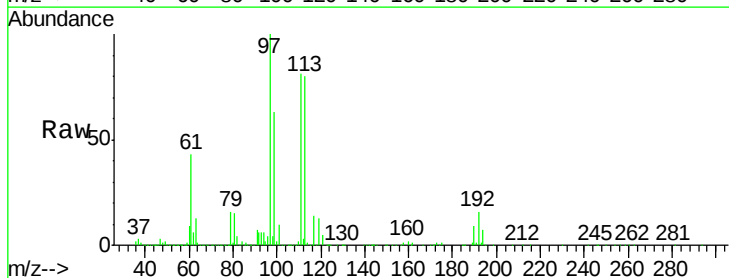
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

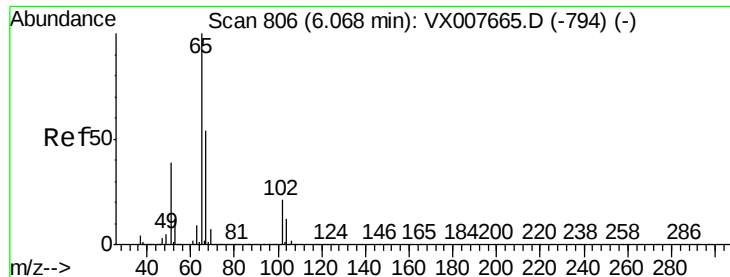
Tot Ion: 56 Resp: 200560  
Ion Ratio Lower Upper  
56 100  
69 28.7 23.0 34.6  
84 86.1 69.8 104.6



#32  
1,1,1-Trichloroethane  
Concen: 46.423 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion: 97 Resp: 215835  
Ion Ratio Lower Upper  
97 100  
99 63.7 52.2 78.2  
61 41.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 53.455 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

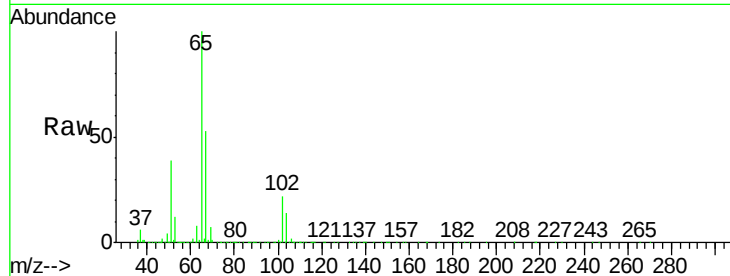
VSTDCCC050

Tot Ion: 65 Resp: 189912

Ion Ratio Lower Upper

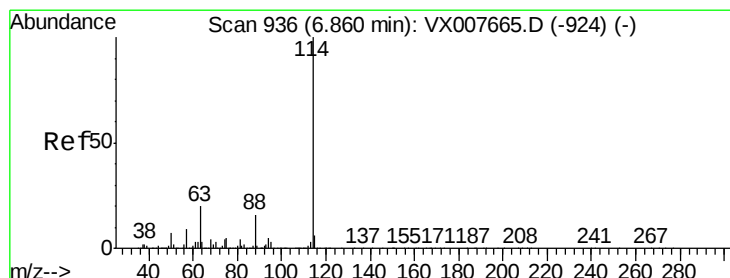
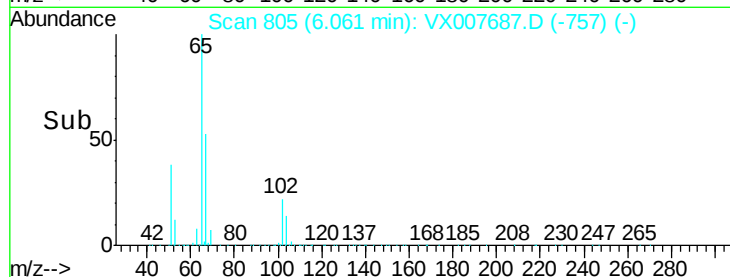
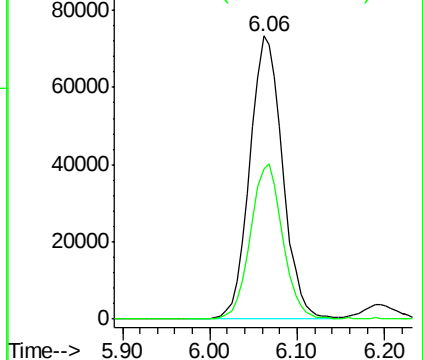
65 100

67 53.9 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

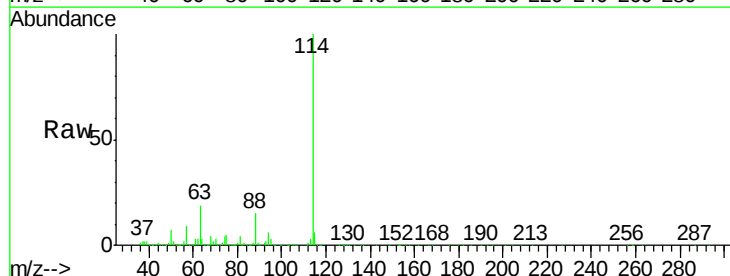
Tgt Ion: 114 Resp: 467710

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

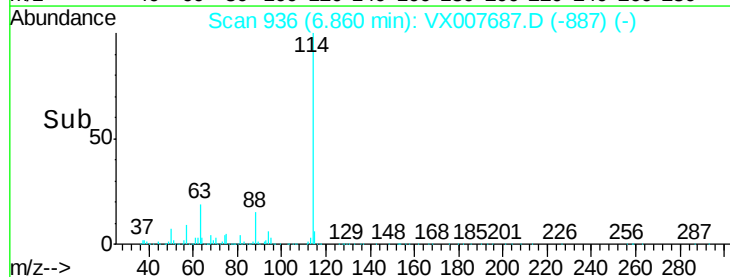
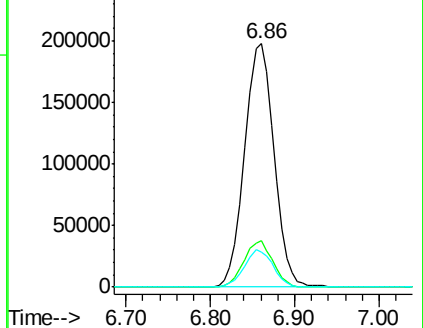
88 14.6 0.0 29.6

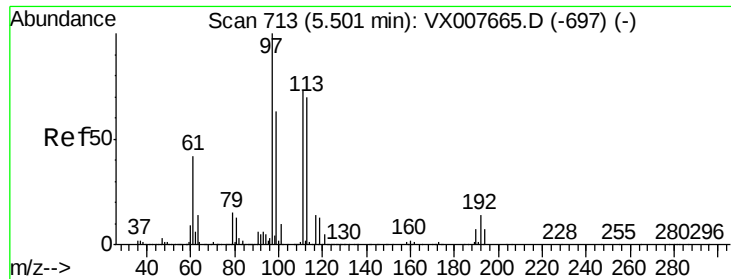


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.081 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

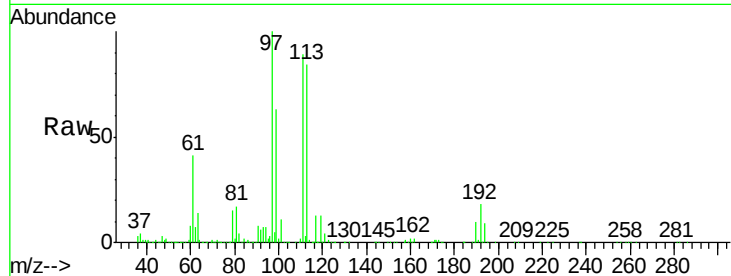
Tot Ion:113 Resp: 165959

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

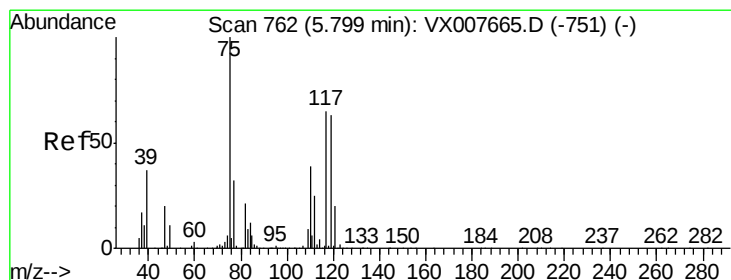
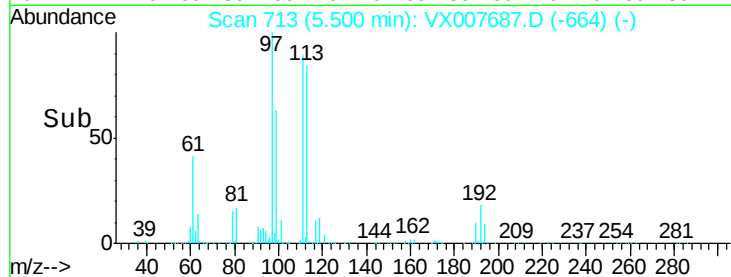
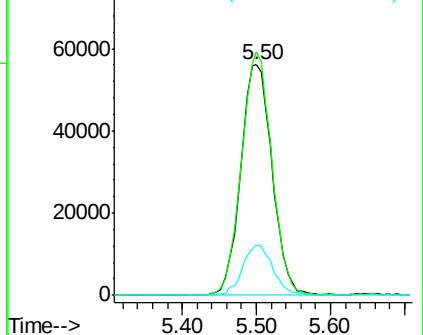
192 21.0 18.5 27.7



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: 43.269 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

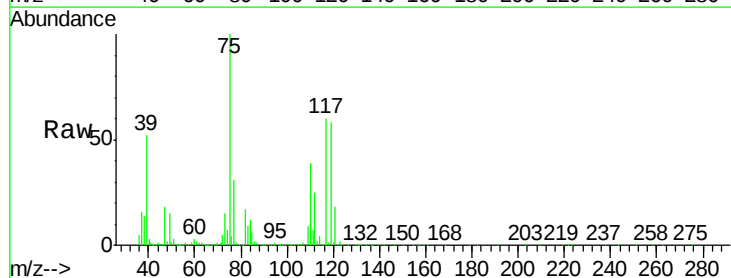
Tgt Ion: 75 Resp: 181939

Ion Ratio Lower Upper

75 100

110 39.4 20.0 59.9

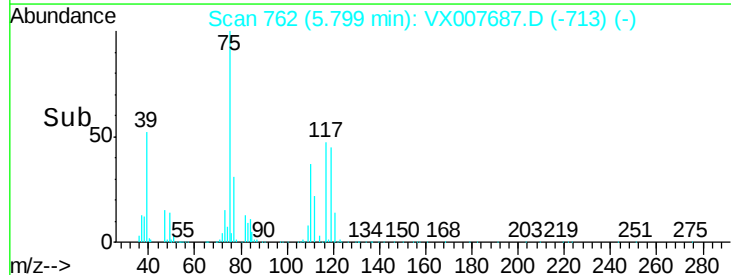
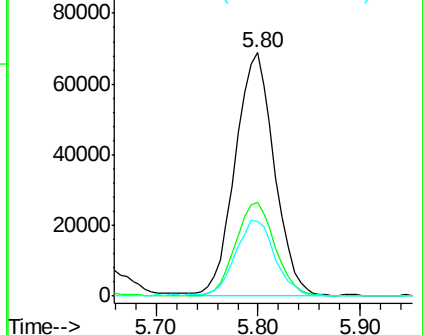
77 32.6 24.7 37.1

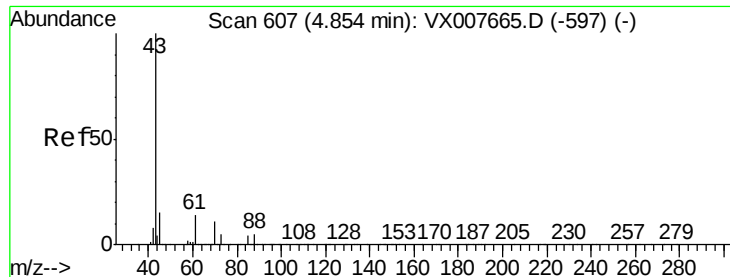


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

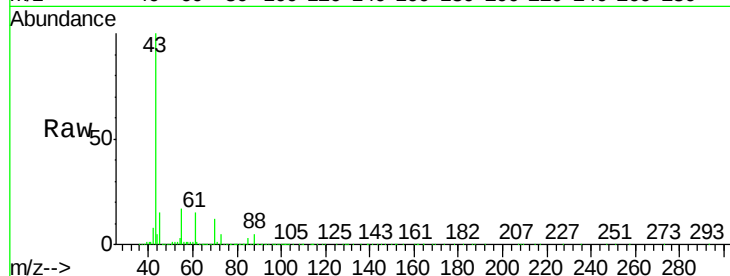




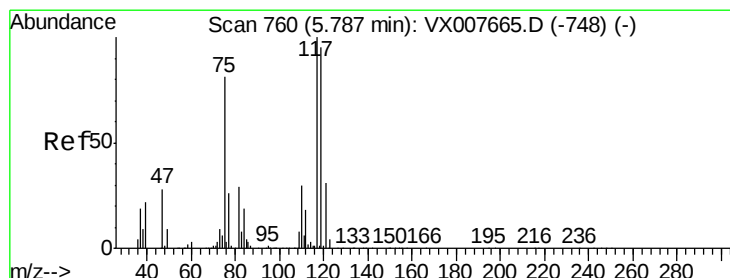
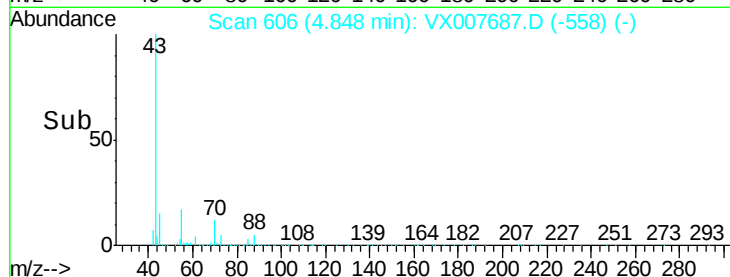
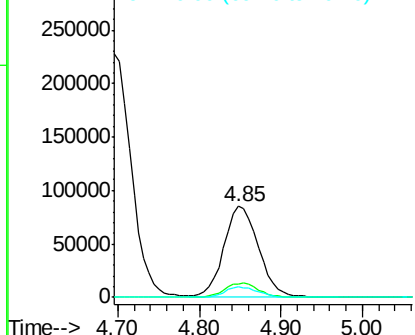
#37  
Ethyl Acetate  
Concen: 53.325 ug/l  
RT: 4.85 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43    | Resp  | 249077 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 14.4  | 11.3  | 16.9   |
| 70        | 10.9  | 8.6   | 13.0   |

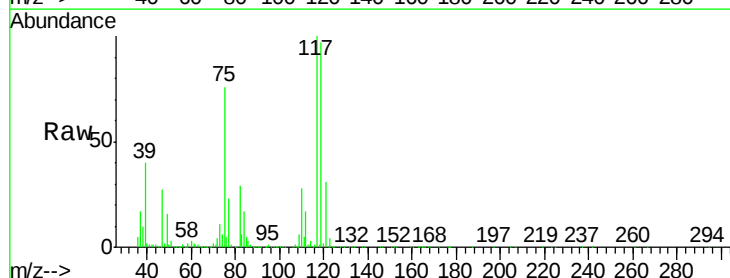


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

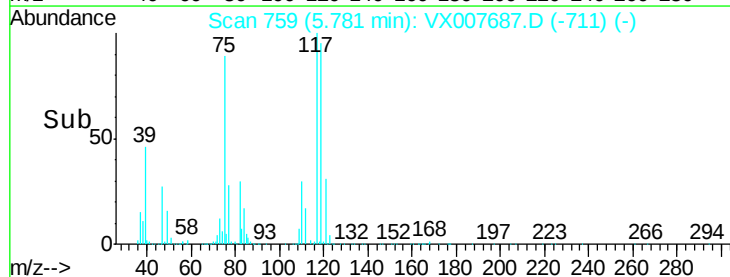
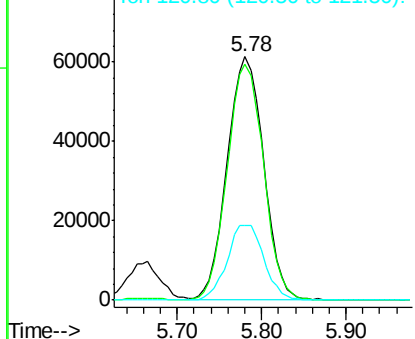


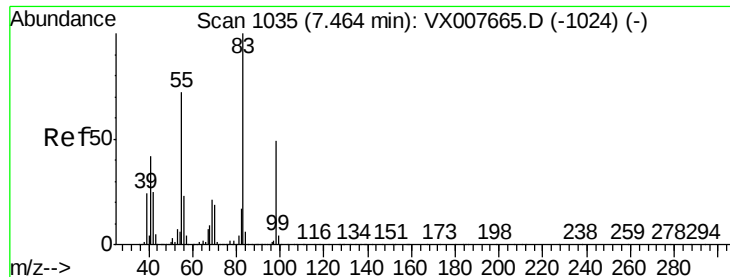
#38  
Carbon Tetrachloride  
Concen: 42.660 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

| Tgt Ion   | 117   | Resp  | 180191 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.0  | 75.3  | 112.9  |
| 121       | 30.8  | 25.0  | 37.4   |



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

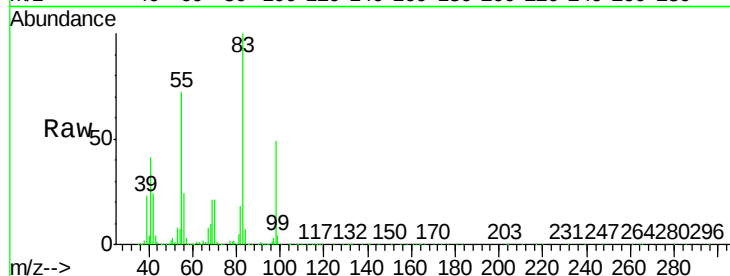




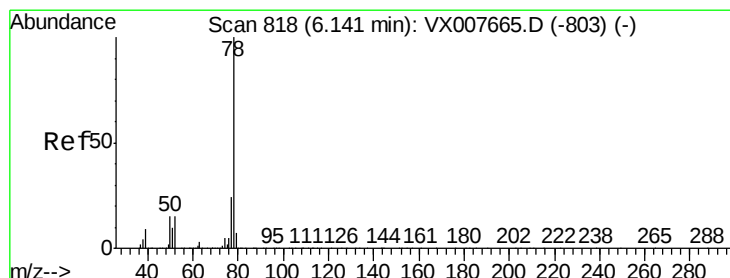
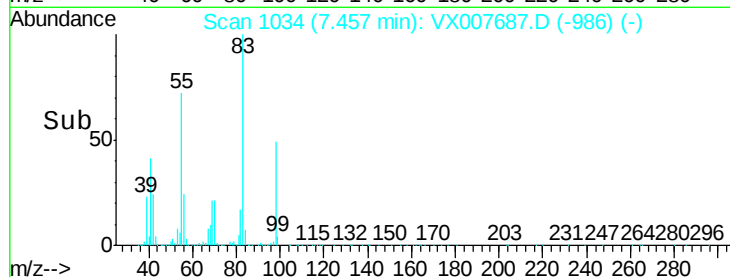
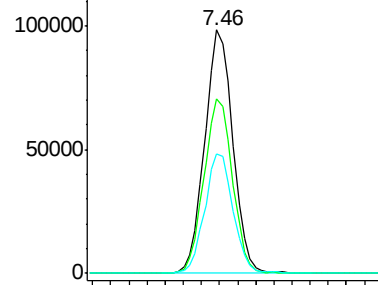
#39  
Methvlcvclohexane  
Concen: 39.871 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83    | Resp  | 211889 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 71.6  | 56.2  | 84.2   |
| 98        | 49.1  | 36.8  | 55.2   |

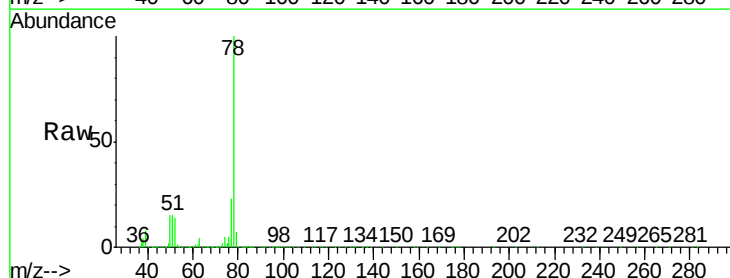


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

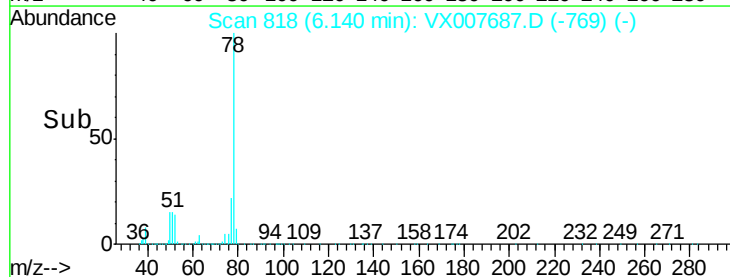
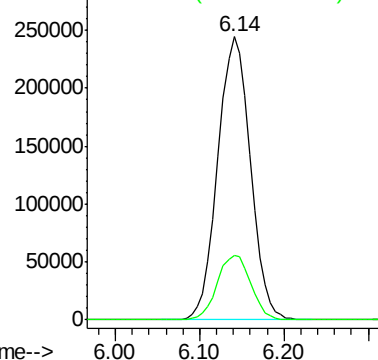


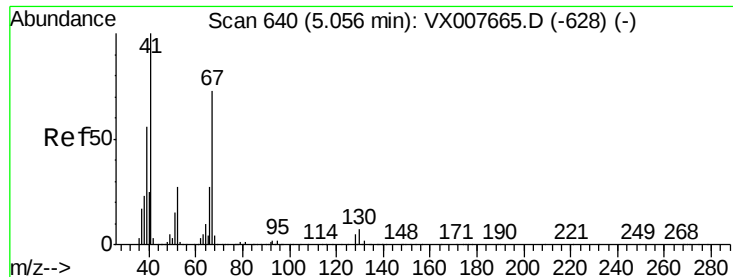
#40  
Benzene  
Concen: 49.497 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

| Tgt Ion   | 78    | Resp  | 642483 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 22.9  | 19.3  | 28.9   |



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





#41

Methacrylonitrile

Concen: 54.480 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 135884

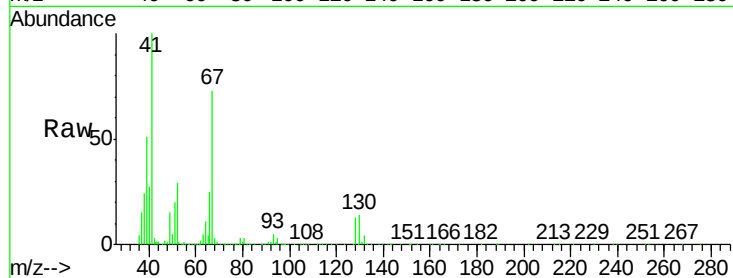
Ion Ratio Lower Upper

41 100

39 52.7 44.5 66.7

67 78.2 60.4 90.6

52 30.1 24.1 36.1

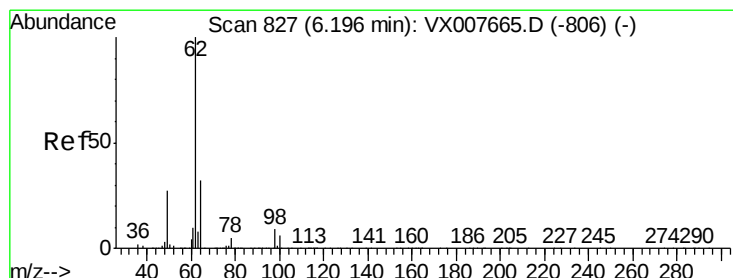
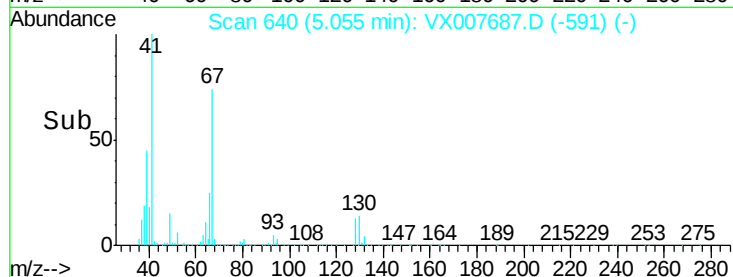
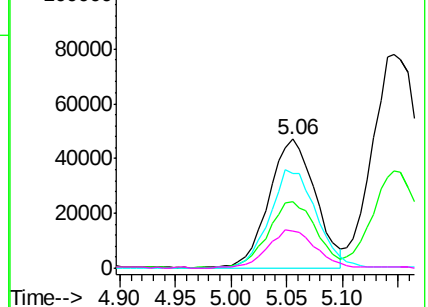


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.963 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007687.D

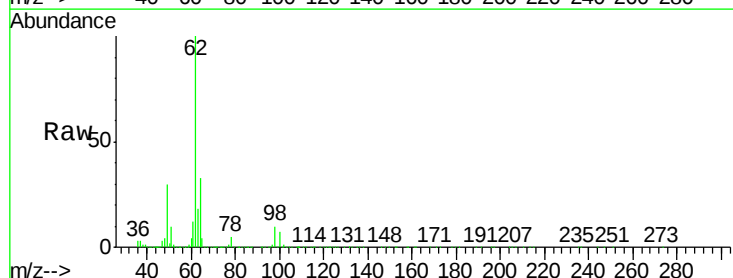
Acq: 26 Feb 2019 00:49

Tgt Ion: 62 Resp: 231067

Ion Ratio Lower Upper

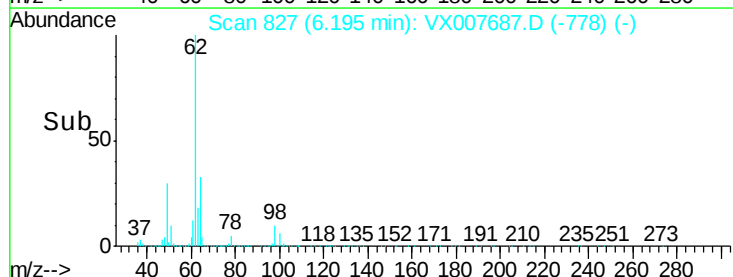
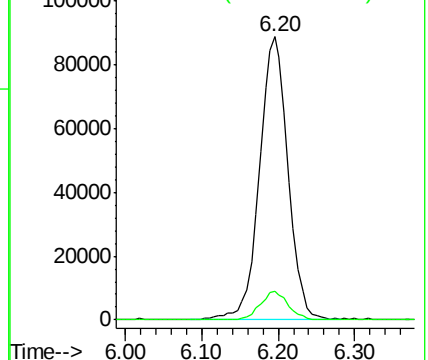
62 100

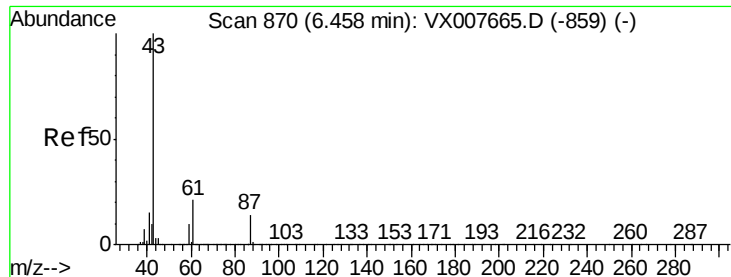
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.568 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

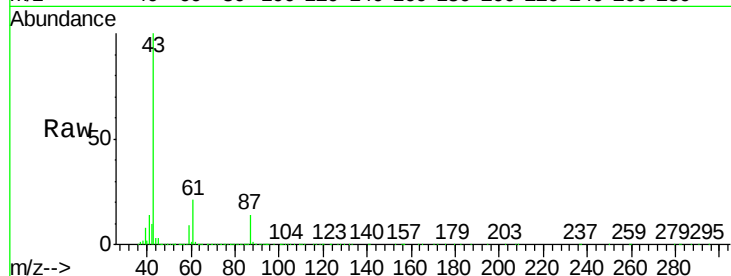
Tot Ion: 43 Resp: 392282

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

87 13.9 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX007665.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX007665.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX007665.D (-859) (-)

6.46

150000

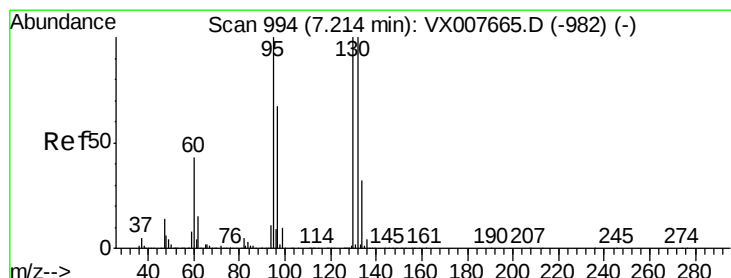
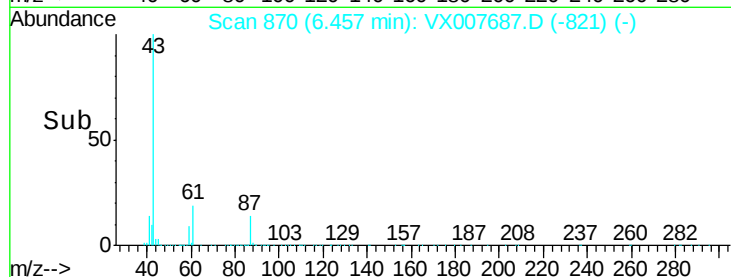
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 46.723 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007687.D

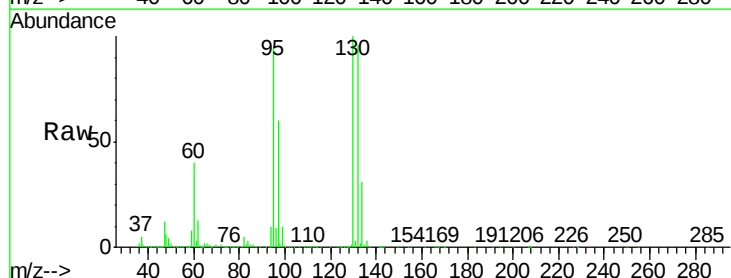
Acq: 26 Feb 2019 00:49

Tgt Ion:130 Resp: 166833

Ion Ratio Lower Upper

130 100

95 95.1 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): VX007665.D (-982) (-)

Ion 94.90 (94.60 to 95.60): VX007665.D (-982) (-)

7.21

80000

60000

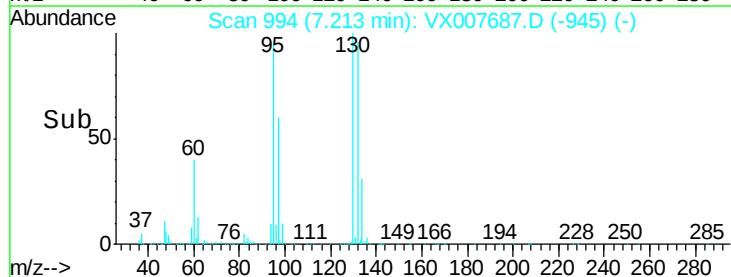
40000

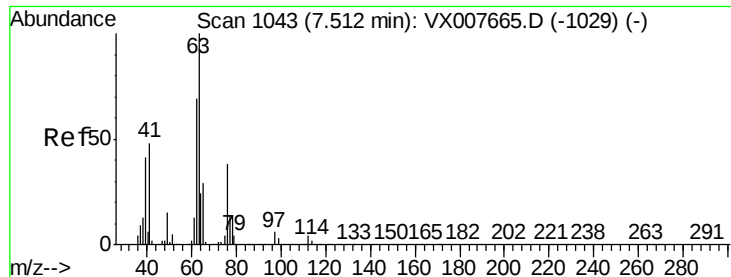
20000

0

7.10 7.20 7.30

Time-->





#45

1,2-Dichloropropane

Concen: 50.611 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

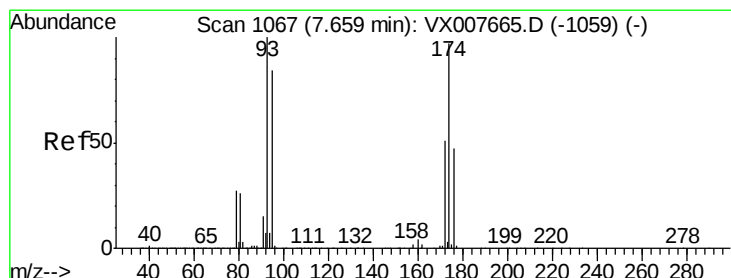
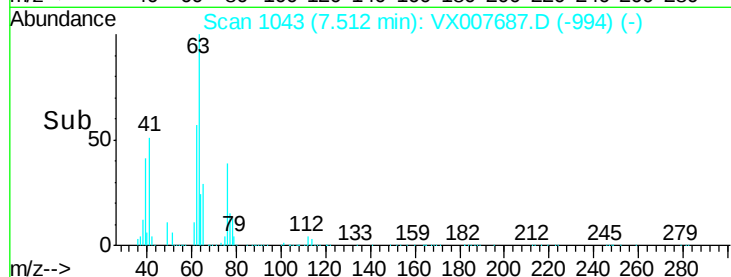
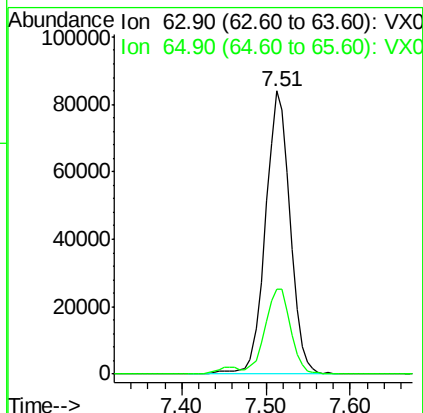
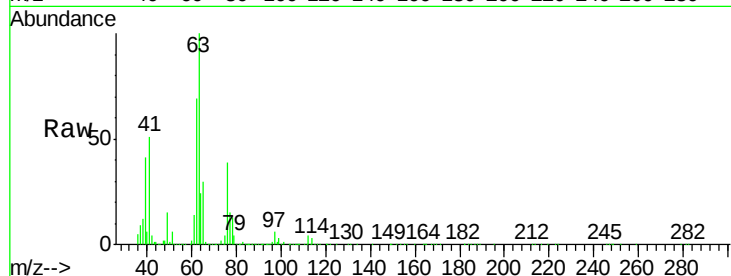
VSTDCCC050

Tot Ion: 63 Resp: 170175

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.2



#46

Dibromomethane

Concen: 51.798 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

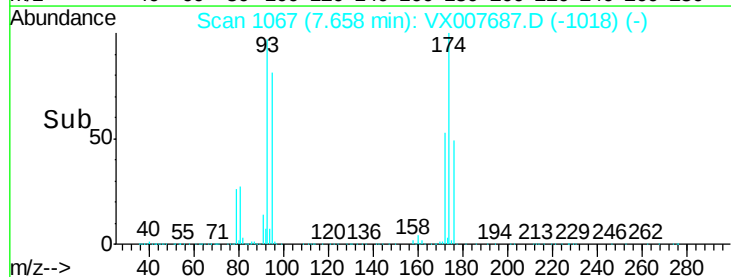
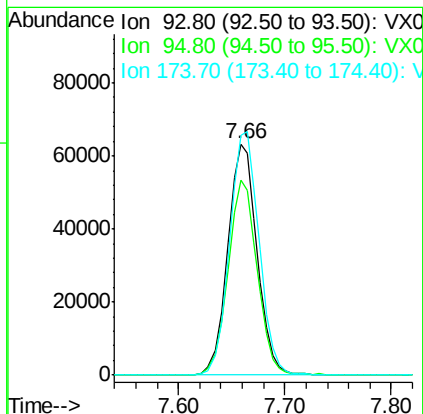
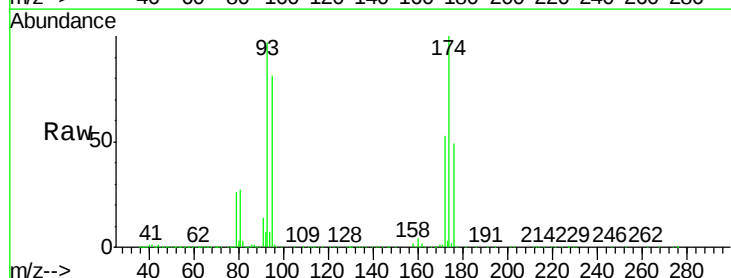
Tgt Ion: 93 Resp: 121504

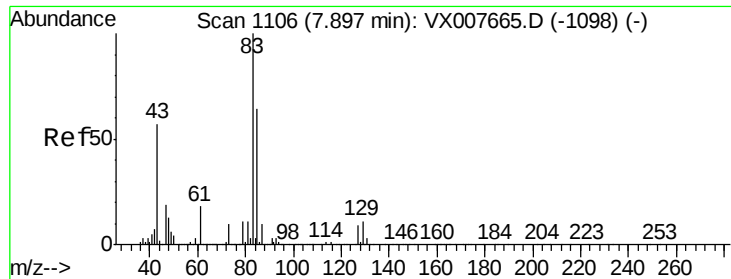
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

174 106.3 94.2 141.4





#47

Bromodichloromethane

Concen: 53.201 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

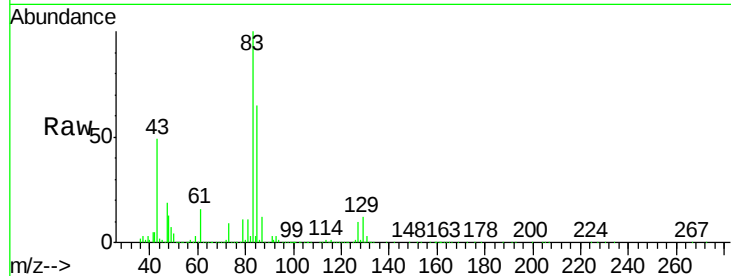
MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 216267

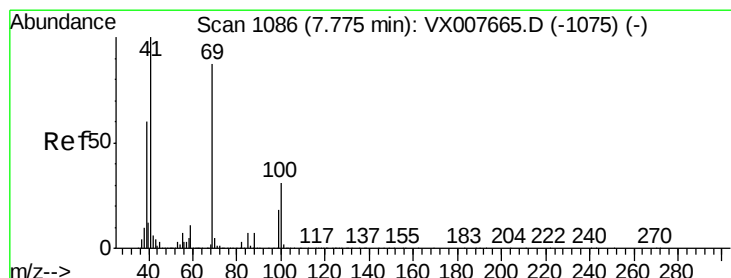
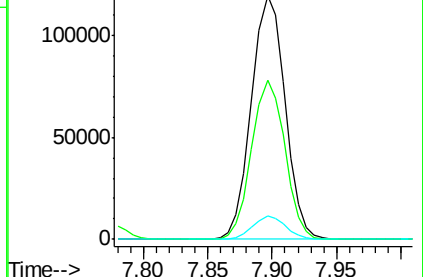
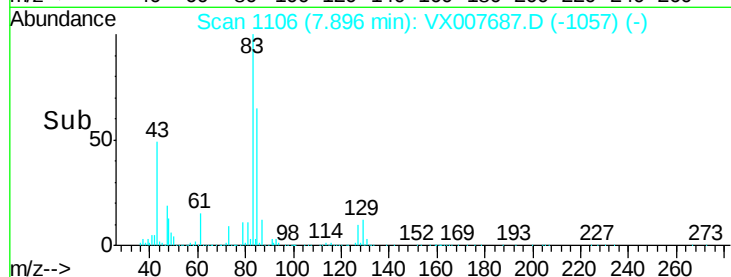
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.2  | 51.4  | 77.0  |
| 127 | 9.8   | 8.1   | 12.1  |



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: 53.115 ug/l

RT: 7.77 min Scan# 1086

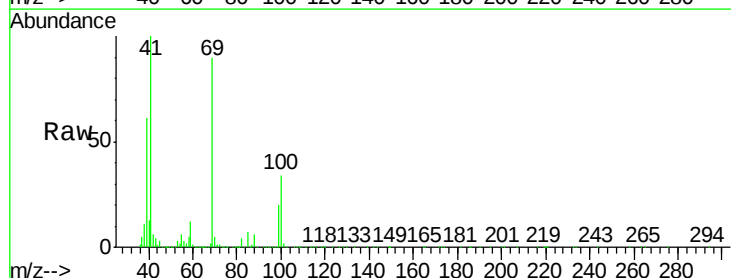
Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Tgt Ion: 41 Resp: 200150

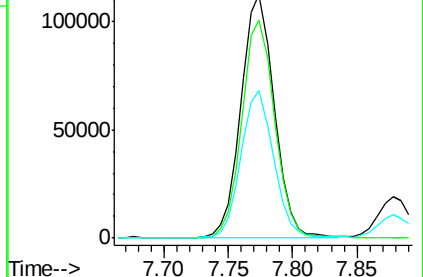
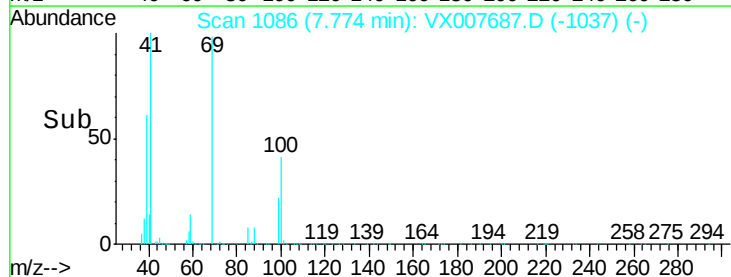
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 88.9  | 70.2  | 105.4 |
| 39  | 60.3  | 47.4  | 71.0  |

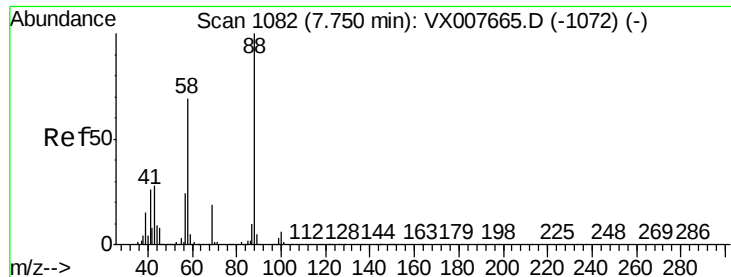


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1058.275 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

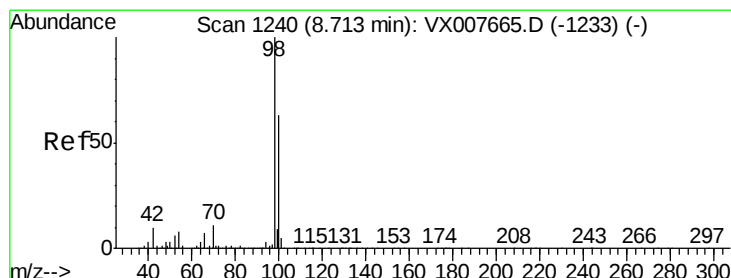
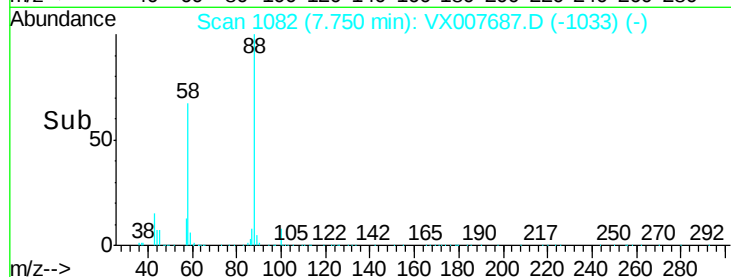
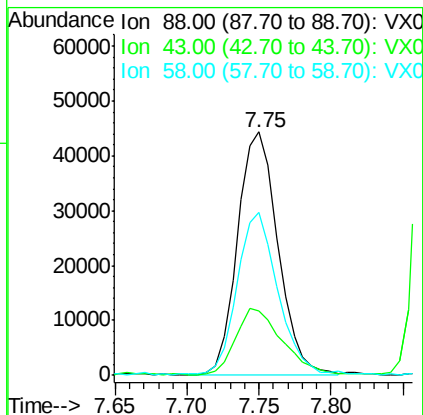
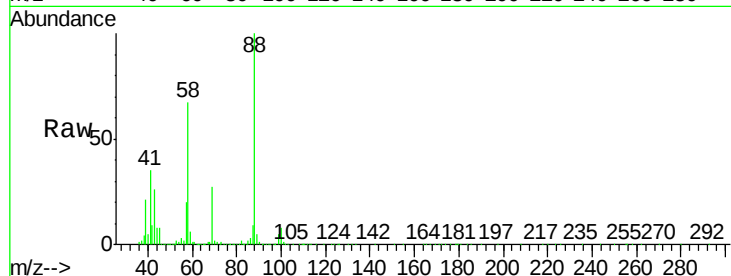
Tot Ion: 88 Resp: 86131

Ion Ratio Lower Upper

88 100

43 31.1 24.2 36.4

58 67.8 53.0 79.4



#50

Toluene-d8

Concen: 49.801 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007687.D

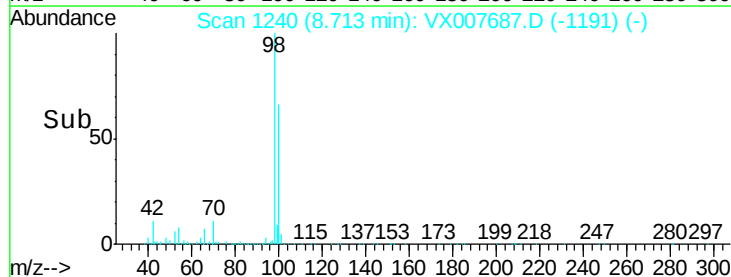
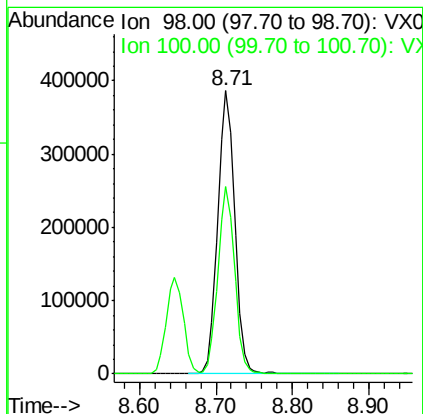
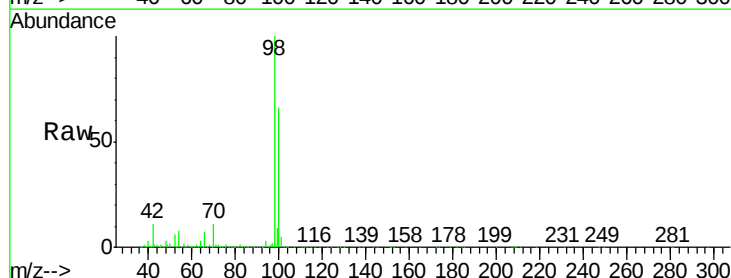
Acq: 26 Feb 2019 00:49

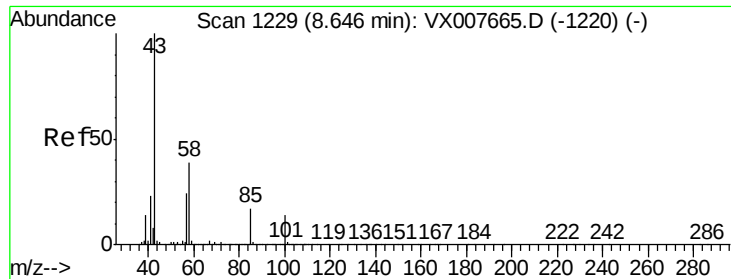
Tgt Ion: 98 Resp: 596092

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

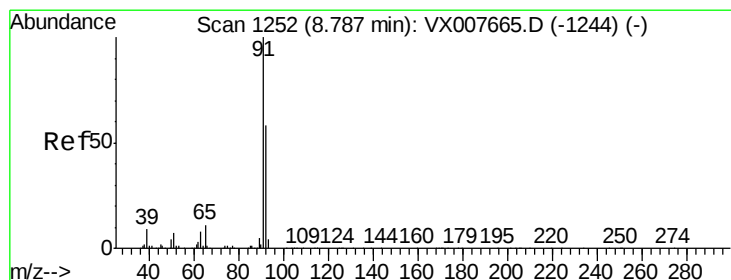
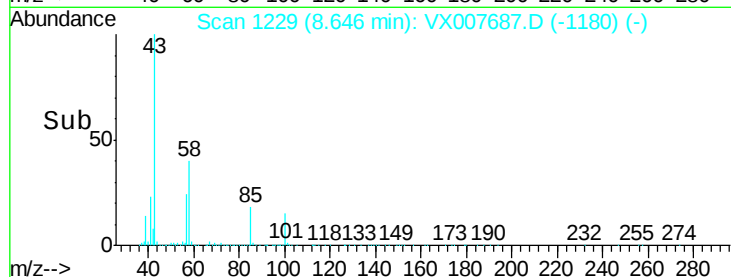
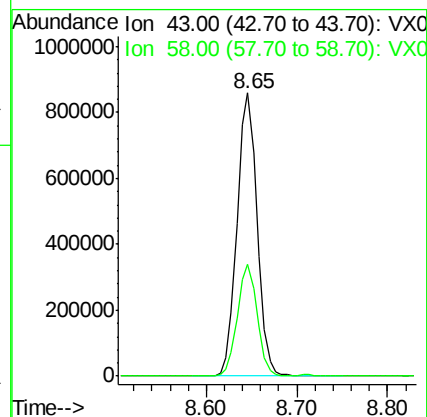
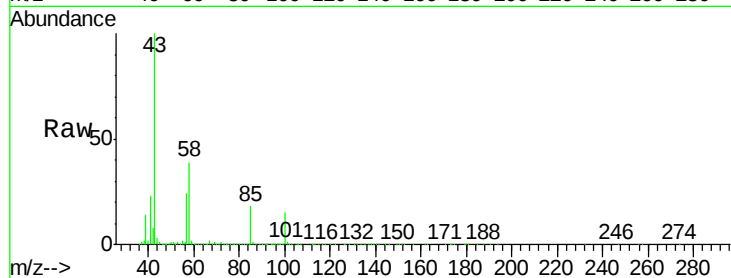




#51  
4-Methyl-2-Pentanone  
Concen: 274.502 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

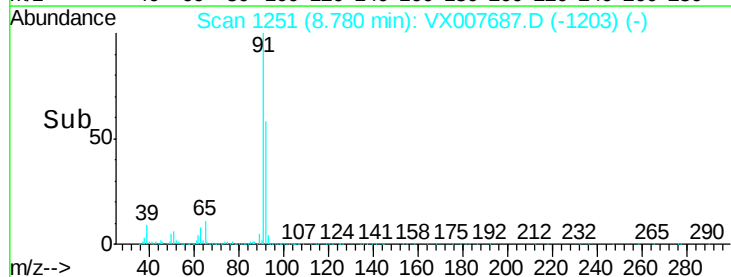
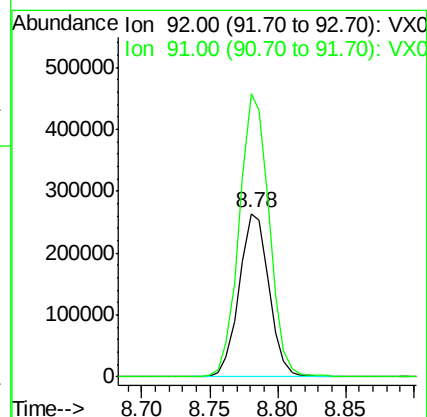
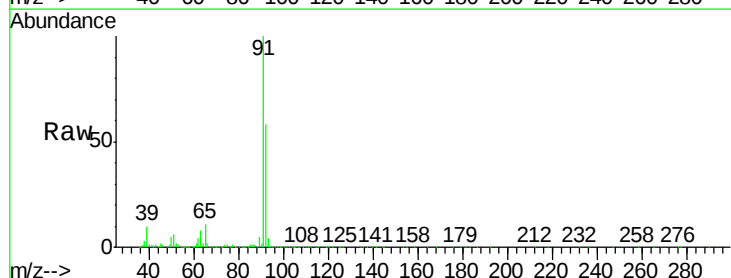
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

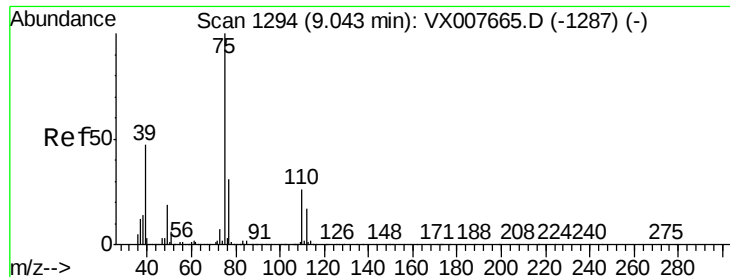
Tot Ion: 43 Resp: 1320914  
Ion Ratio Lower Upper  
43 100  
58 38.8 31.2 46.8



#52  
Toluene  
Concen: 49.401 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion: 92 Resp: 404351  
Ion Ratio Lower Upper  
92 100  
91 173.8 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 46.992 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

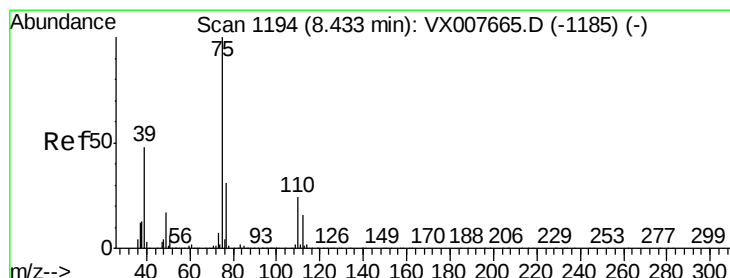
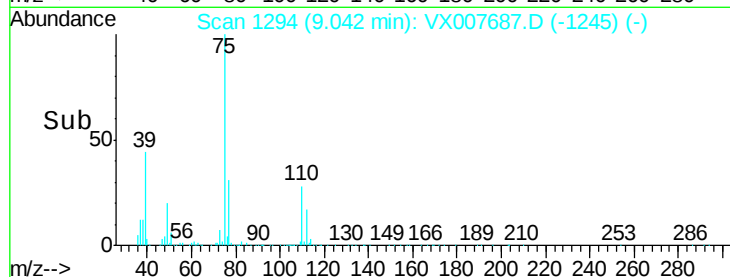
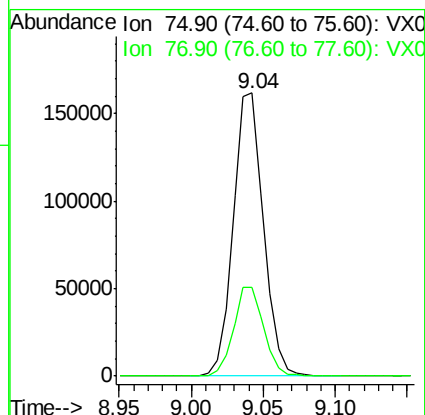
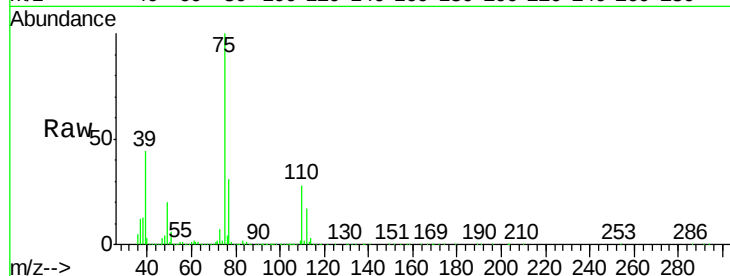
VSTDCCC050

Tot Ion: 75 Resp: 236584

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.077 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

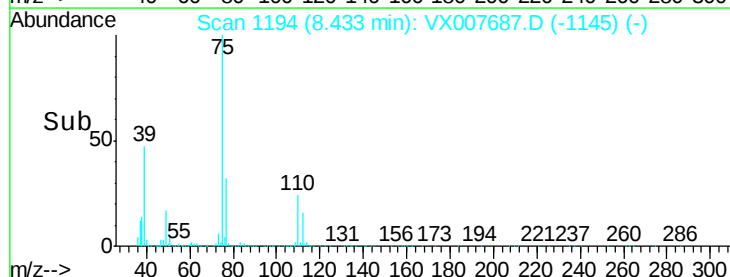
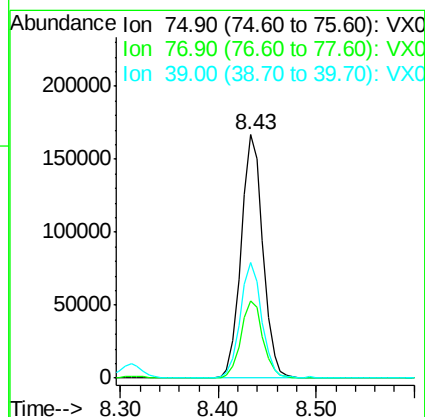
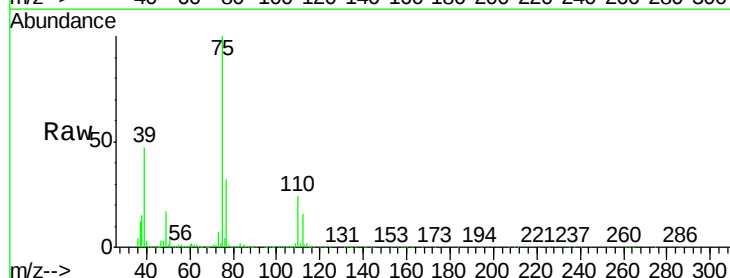
Tgt Ion: 75 Resp: 256899

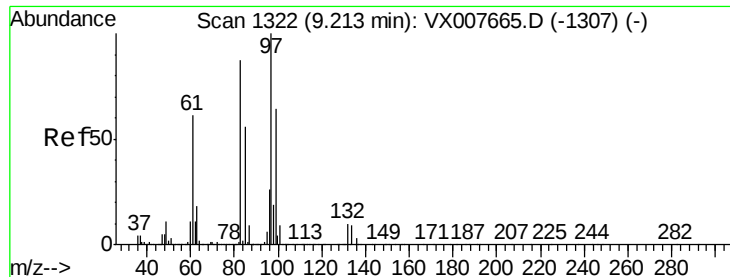
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4

39 47.1 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 54.693 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 186681

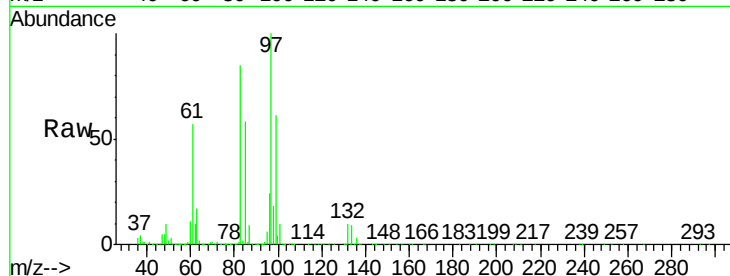
Ion Ratio Lower Upper

97 100

83 85.3 68.6 102.8

85 57.8 44.5 66.7

99 61.2 52.2 78.4

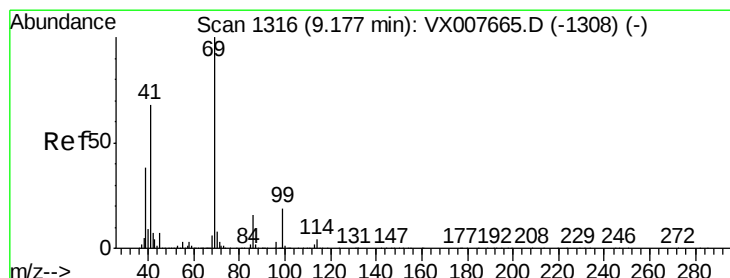
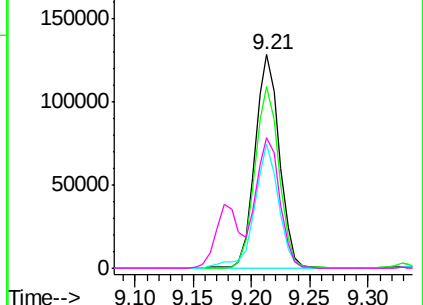
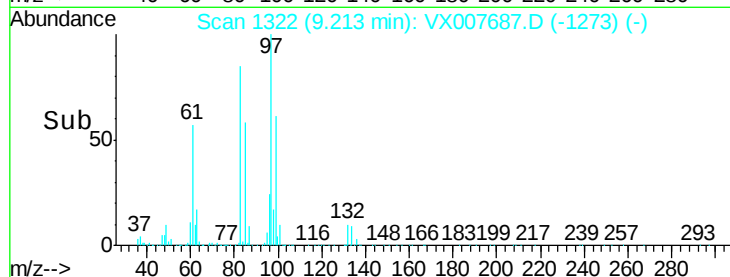


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.769 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

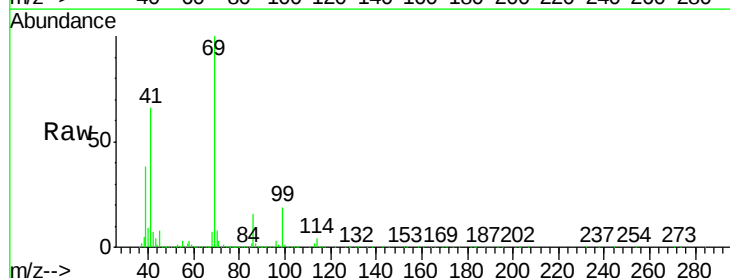
Tgt Ion: 69 Resp: 270698

Ion Ratio Lower Upper

69 100

41 64.3 52.1 78.1

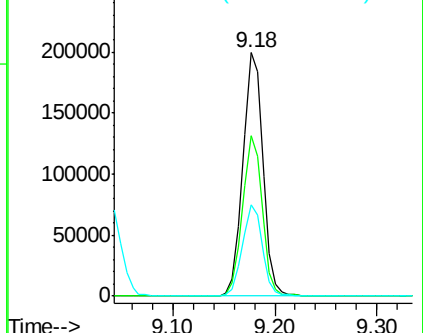
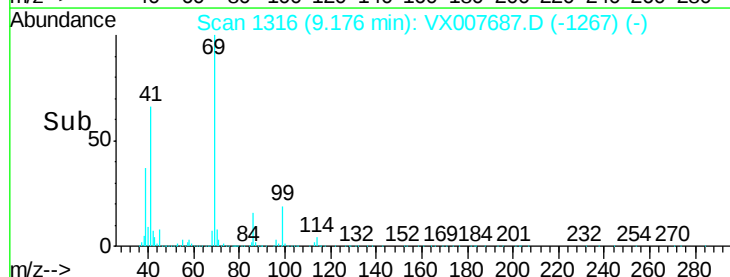
39 37.1 30.1 45.1

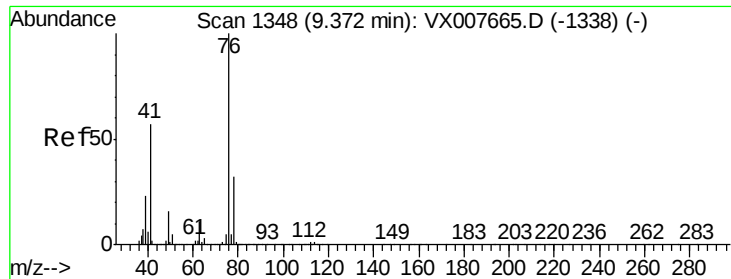


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.621 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

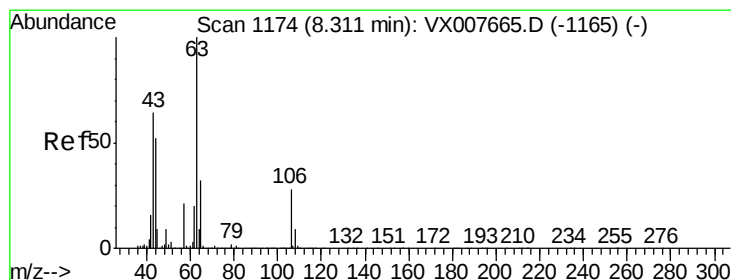
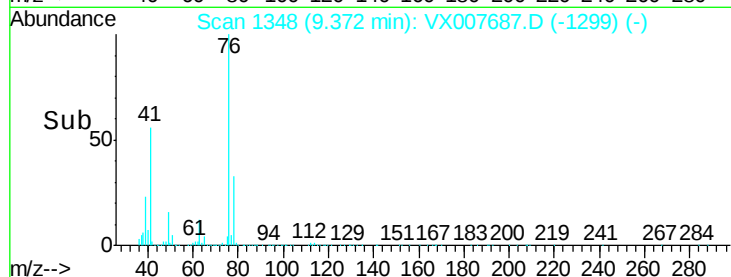
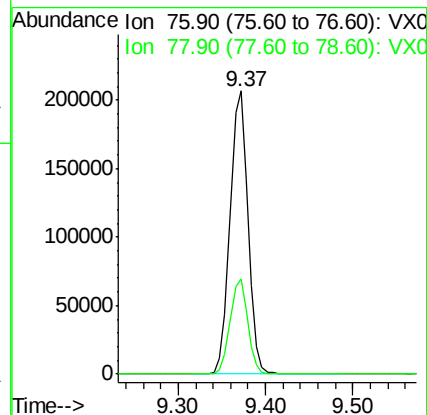
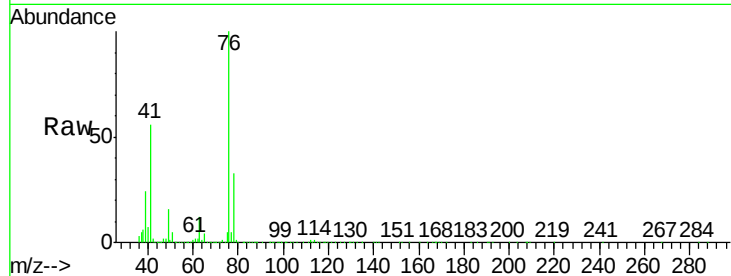
VSTDCCC050

Tot Ion: 76 Resp: 292976

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 261.011 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007687.D

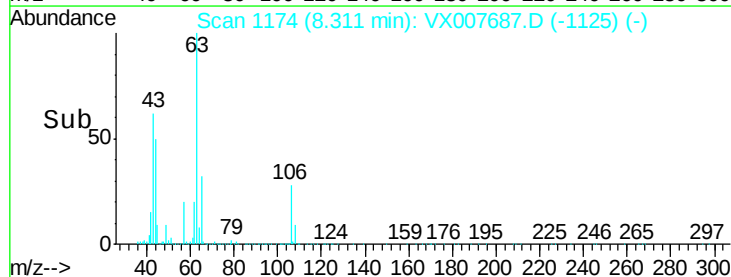
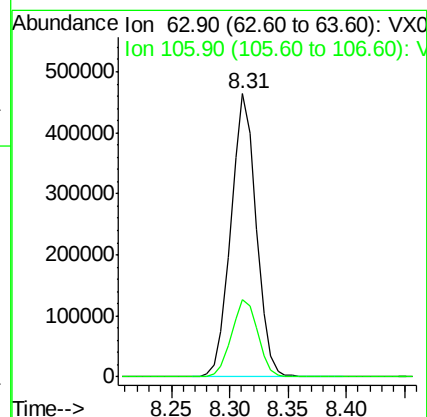
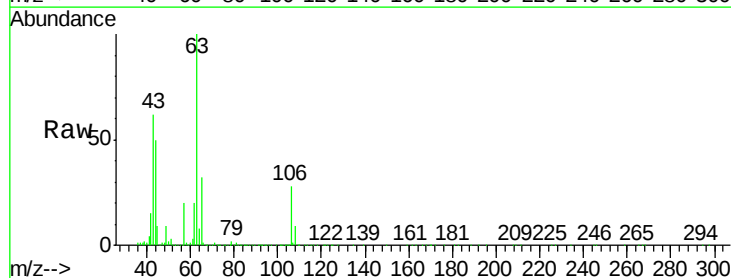
Acq: 26 Feb 2019 00:49

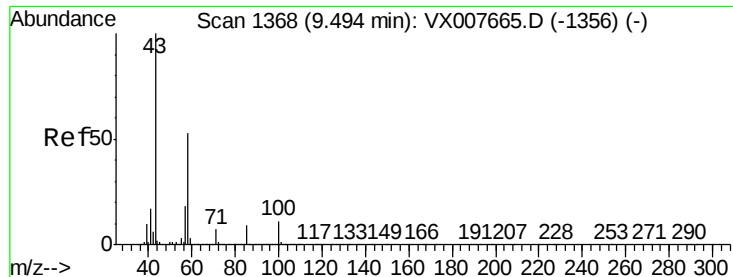
Tgt Ion: 63 Resp: 698639

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4

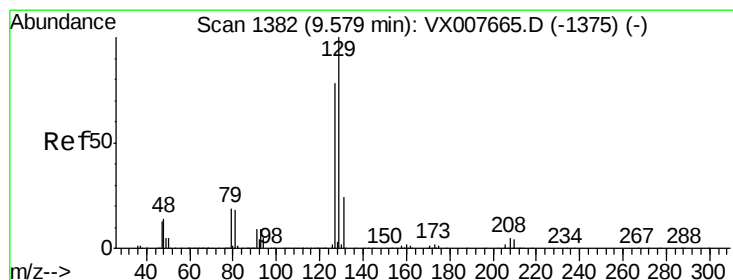
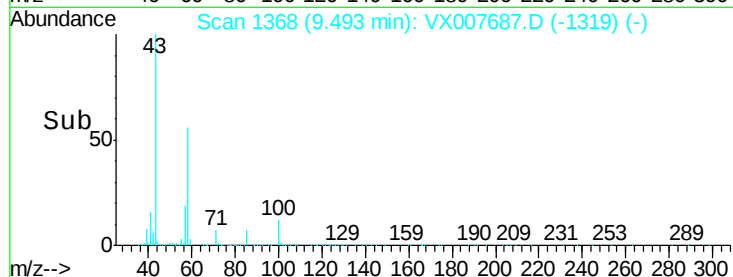
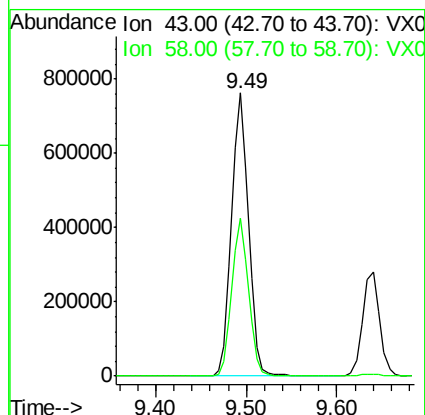
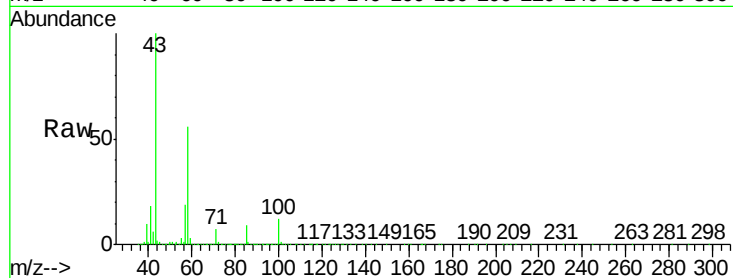




#59  
2-Hexanone  
Concen: 263.053 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

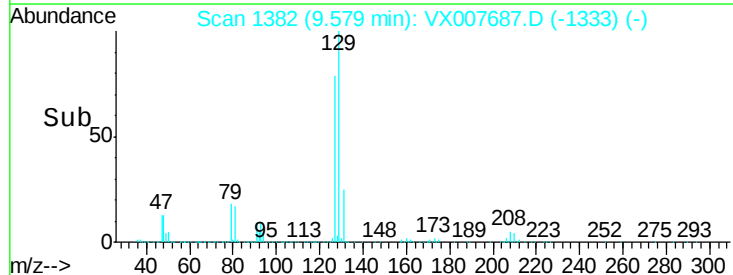
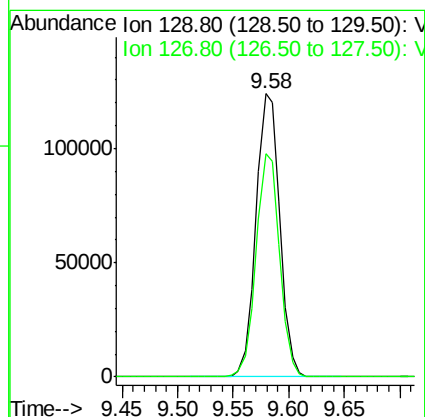
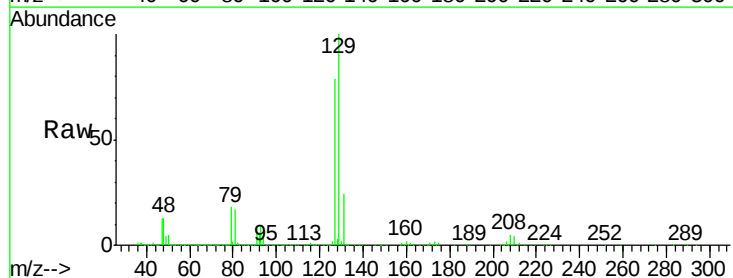
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

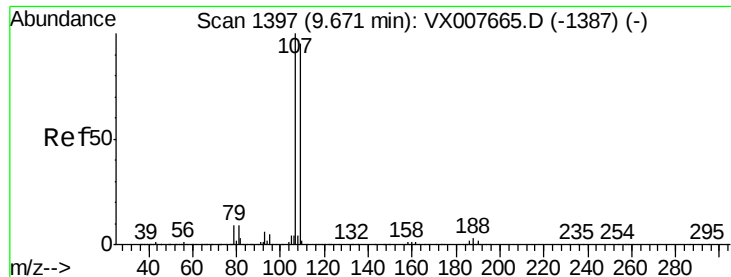
Tot Ion: 43 Resp: 993787  
Ion Ratio Lower Upper  
43 100  
58 55.1 27.1 81.3



#60  
Dibromochloromethane  
Concen: 56.463 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion: 129 Resp: 185443  
Ion Ratio Lower Upper  
129 100  
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 55.708 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

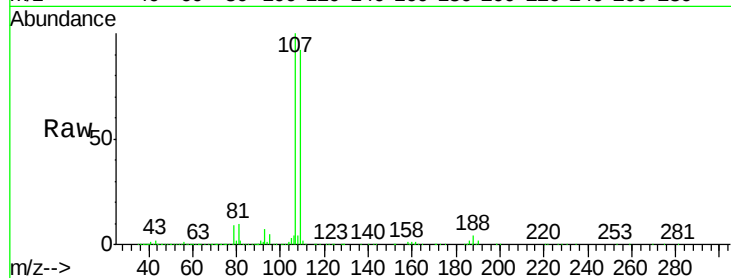
VSTDCCC050

Tot Ion:107 Resp: 197417

Ion Ratio Lower Upper

107 100

109 93.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

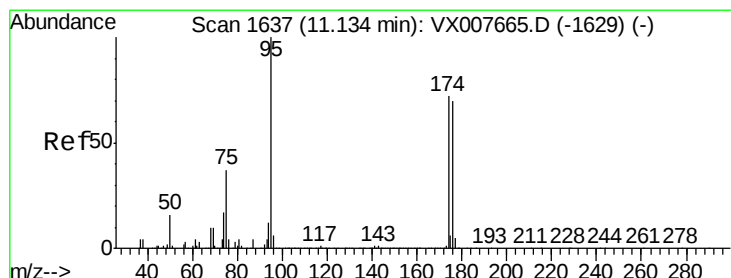
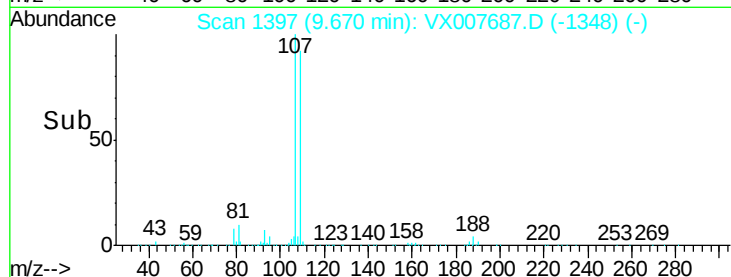
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.938 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

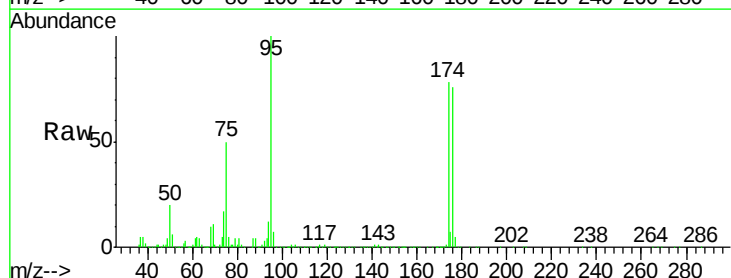
Tgt Ion: 95 Resp: 228176

Ion Ratio Lower Upper

95 100

174 83.1 0.0 189.2

176 79.7 0.0 186.2



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

250000

200000

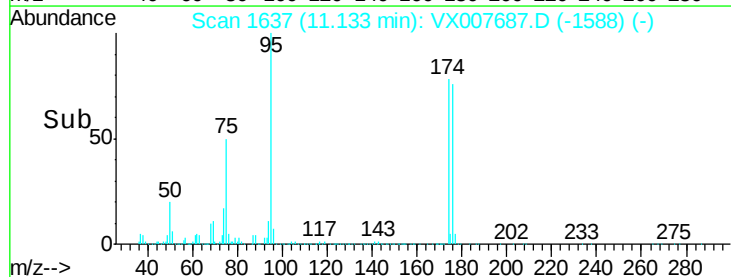
150000

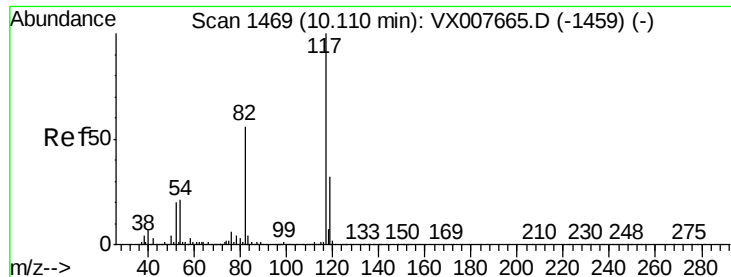
100000

50000

0

Time-->

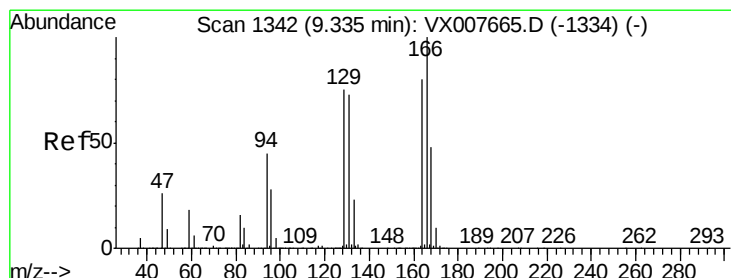
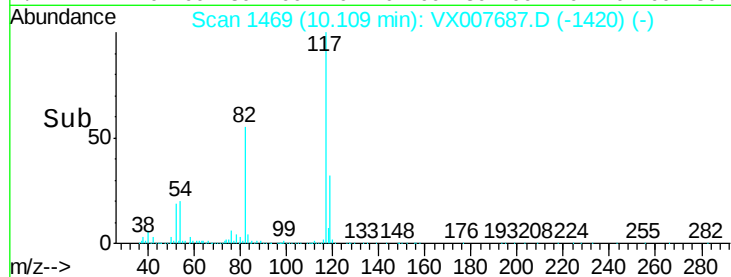
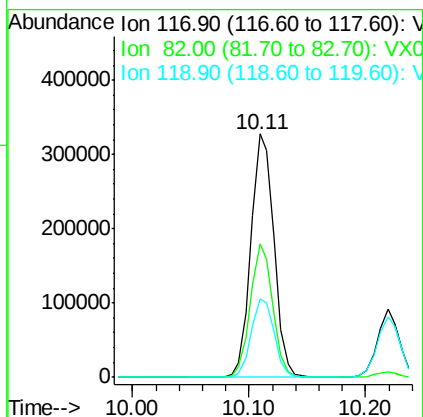
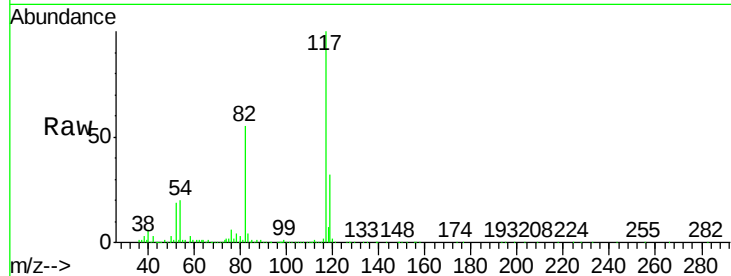




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

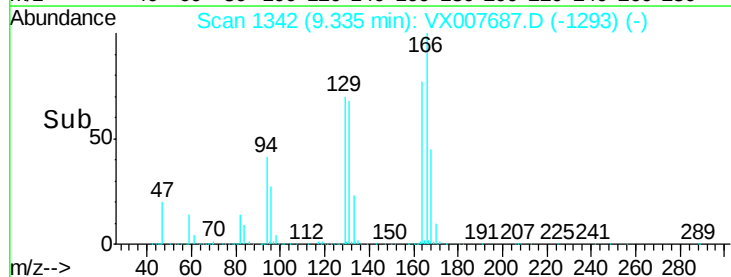
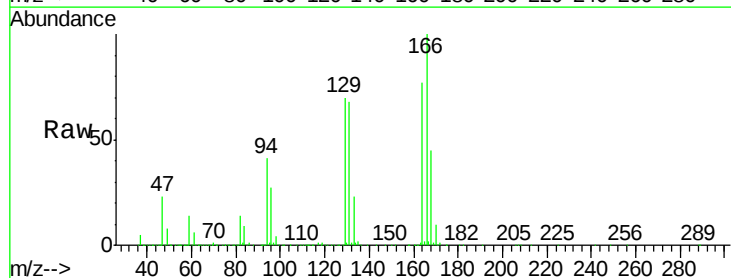
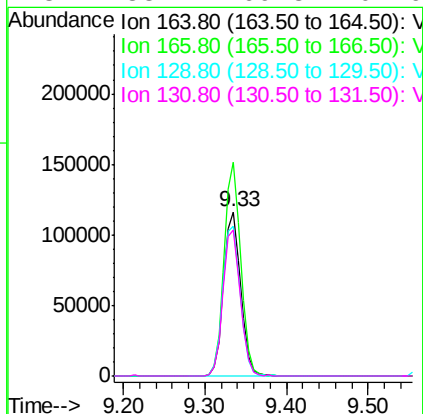
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

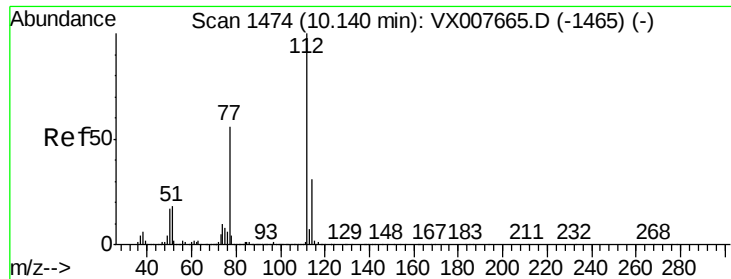
Tot Ion:117 Resp: 453605  
Ion Ratio Lower Upper  
117 100  
82 54.6 42.1 63.1  
119 32.2 26.5 39.7



#64  
Tetrachloroethene  
Concen: 45.931 ug/l  
RT: 9.33 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion:164 Resp: 169139  
Ion Ratio Lower Upper  
164 100  
166 130.2 101.0 151.4  
129 91.0 70.5 105.7  
131 88.7 69.8 104.6





#65

Chlorobenzene

Concen: 48.292 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

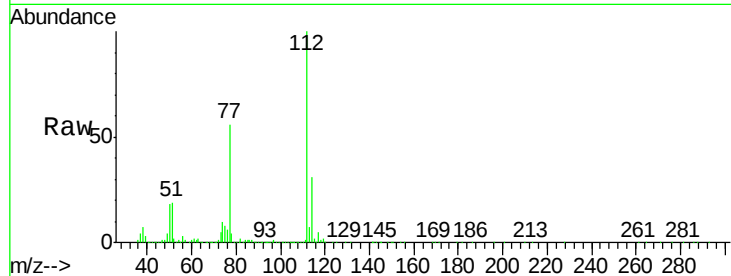
VSTDCCC050

Tot Ion:112 Resp: 473776

Ion Ratio Lower Upper

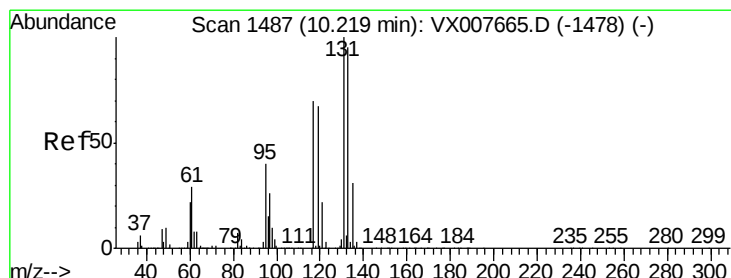
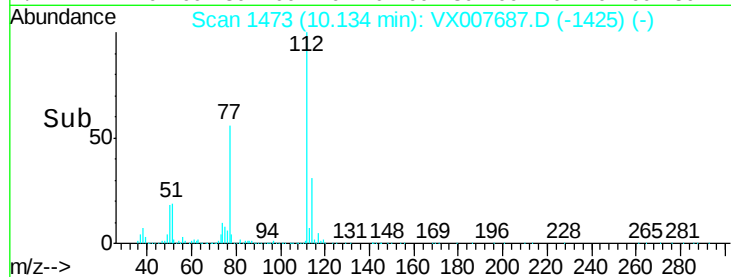
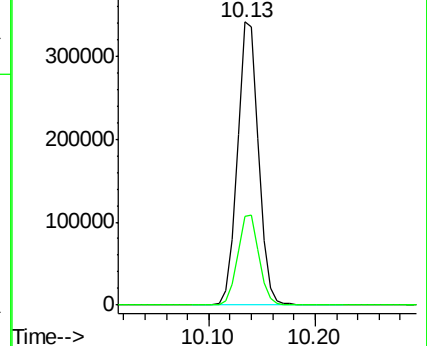
112 100

114 31.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.358 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

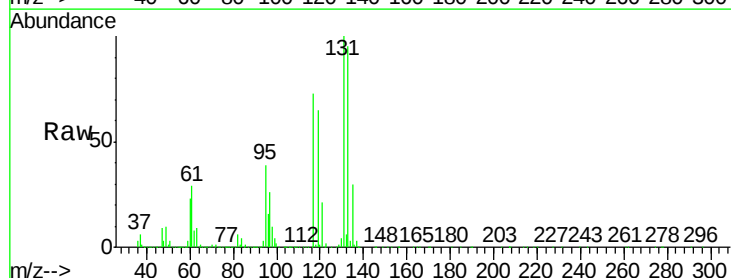
Tgt Ion:131 Resp: 172333

Ion Ratio Lower Upper

131 100

133 93.2 48.0 144.2

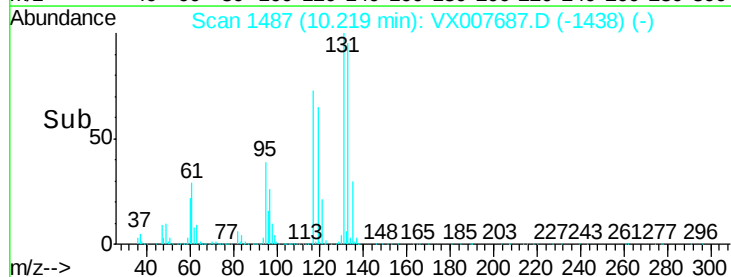
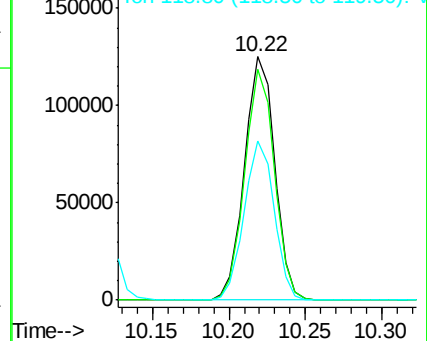
119 64.8 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.954 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

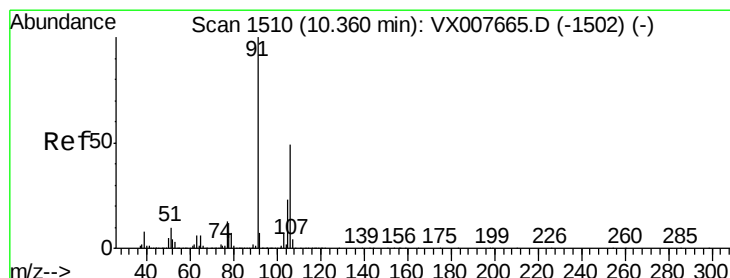
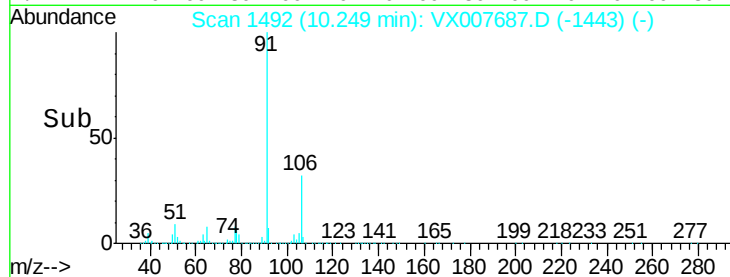
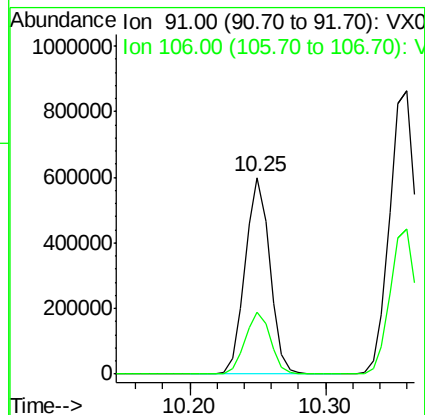
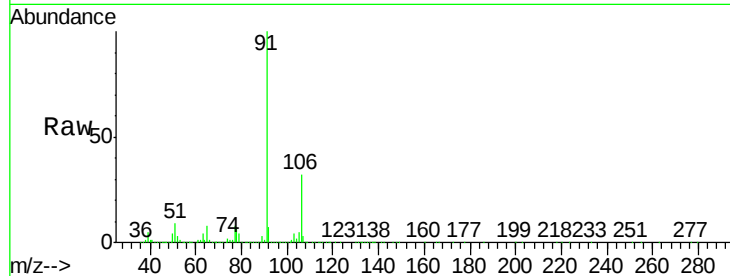
VSTDCCC050

Tot Ion: 91 Resp: 763090

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 94.357 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007687.D

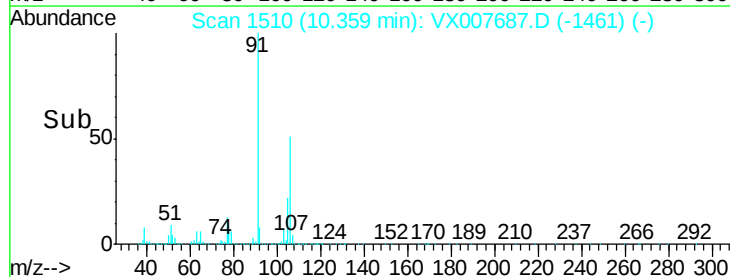
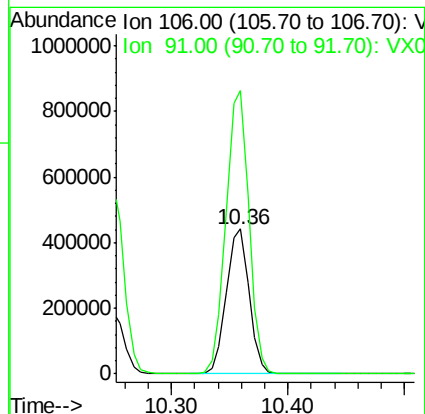
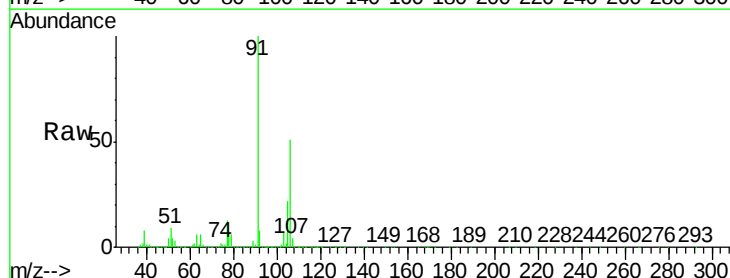
Acq: 26 Feb 2019 00:49

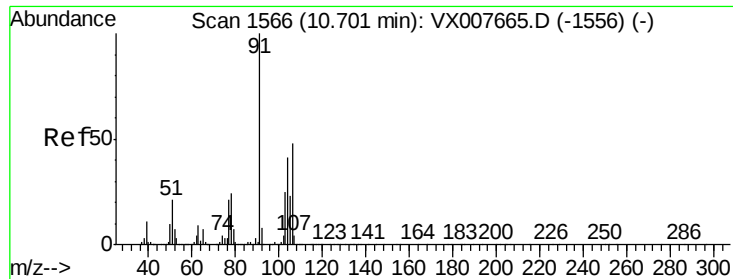
Tgt Ion: 106 Resp: 596563

Ion Ratio Lower Upper

106 100

91 197.4 156.6 234.8

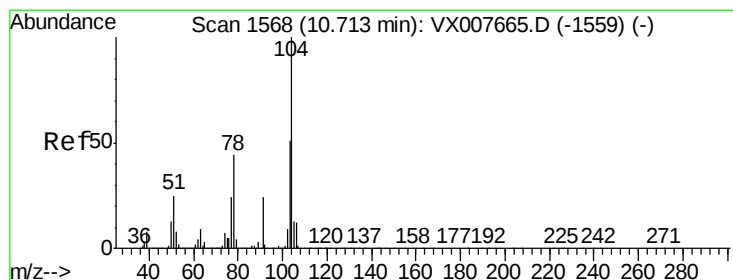
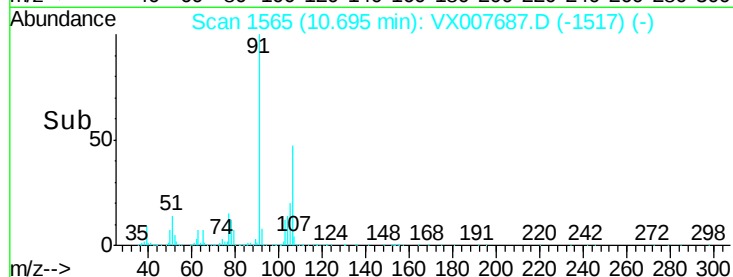
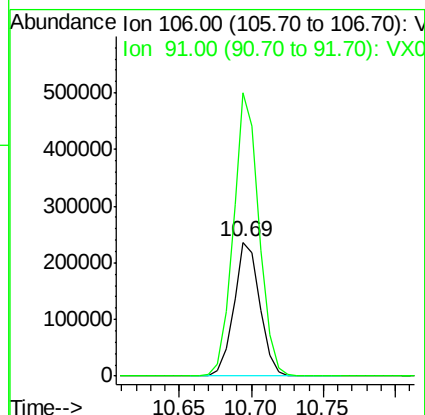
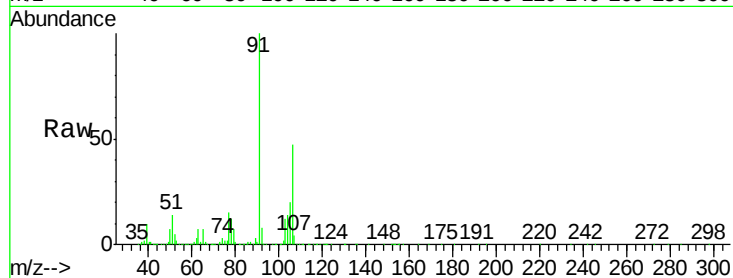




#69  
o-Xylene  
Concen: 49.039 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

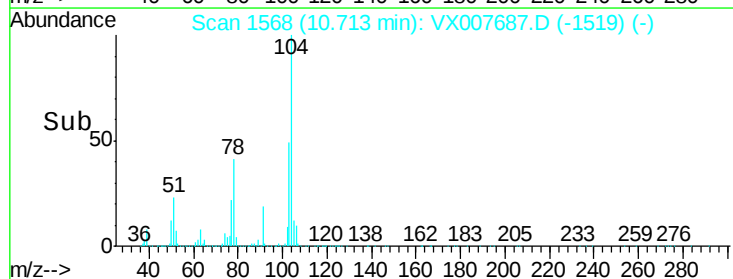
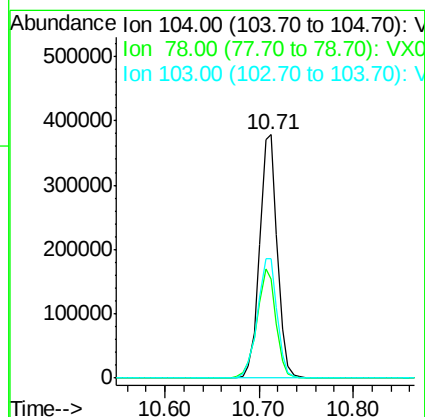
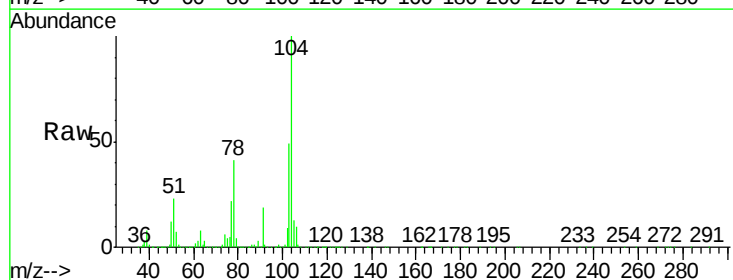
Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

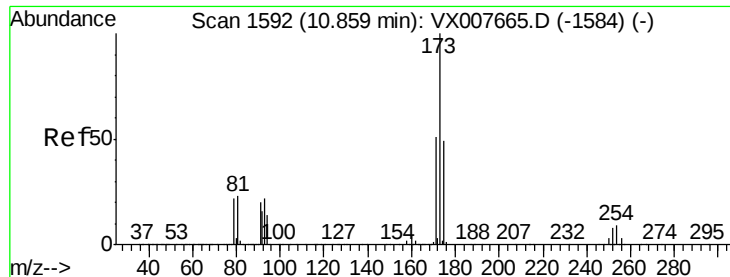
Tot Ion:106 Resp: 298227  
Ion Ratio Lower Upper  
106 100  
91 208.0 102.9 308.7



#70  
Styrene  
Concen: 50.440 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion:104 Resp: 504199  
Ion Ratio Lower Upper  
104 100  
78 48.1 38.3 57.5  
103 54.7 44.6 67.0





#71

Bromoform

Concen: 52.520 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

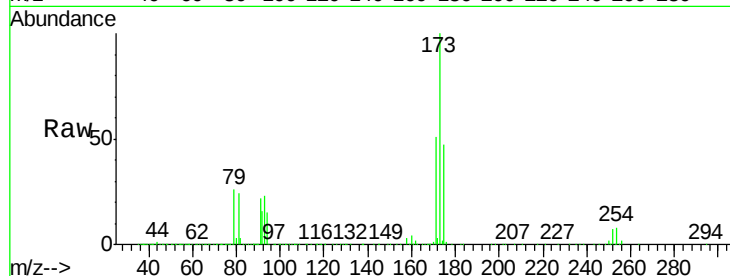
Tot Ion:173 Resp: 134777

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

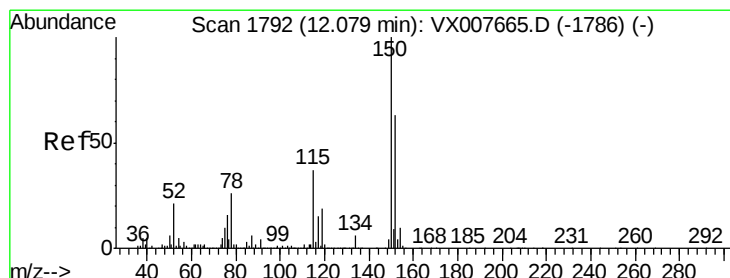
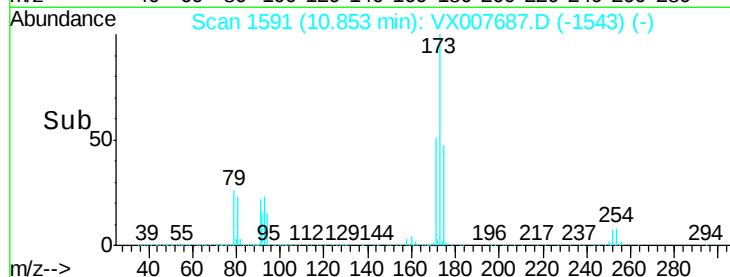
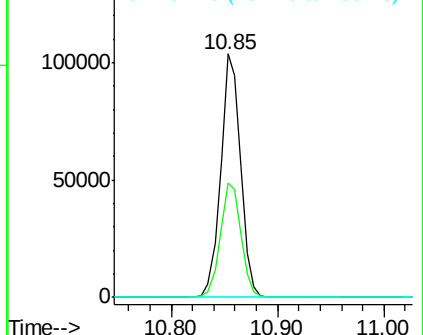
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

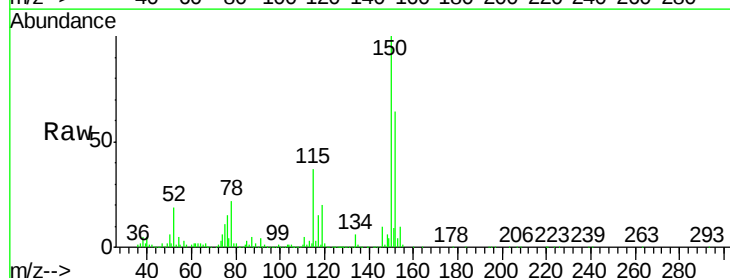
Tgt Ion:152 Resp: 231287

Ion Ratio Lower Upper

152 100

115 79.7 38.0 114.0

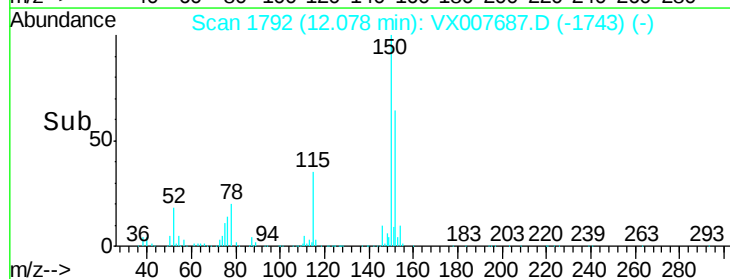
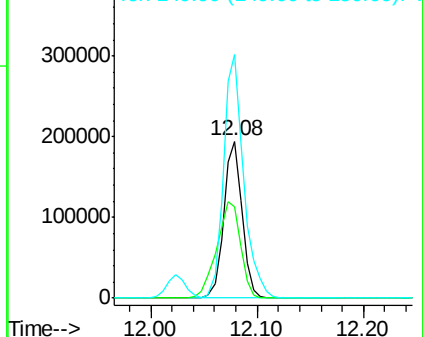
150 171.7 0.0 346.4

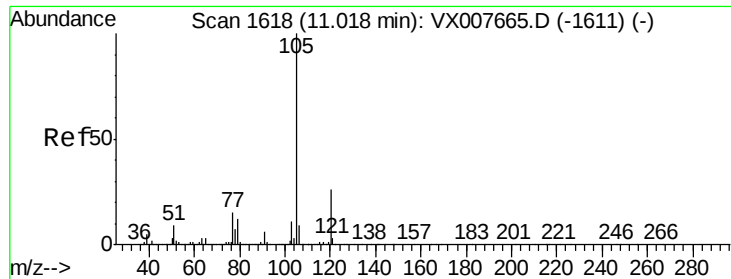


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.653 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

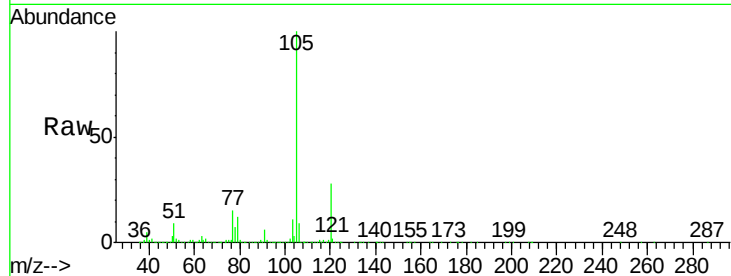
VSTDCCC050

Tot Ion:105 Resp: 738128

Ion Ratio Lower Upper

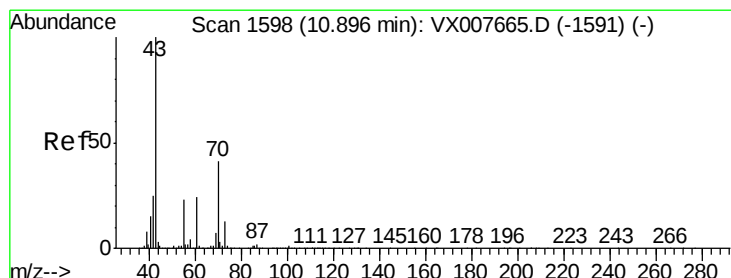
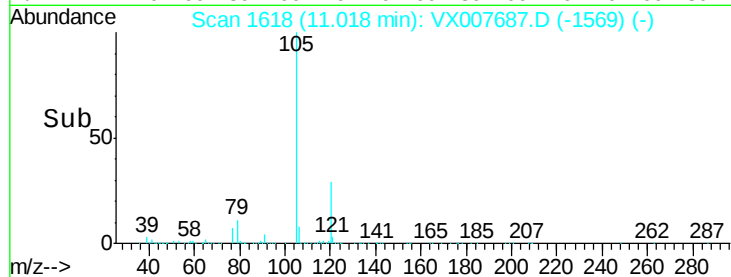
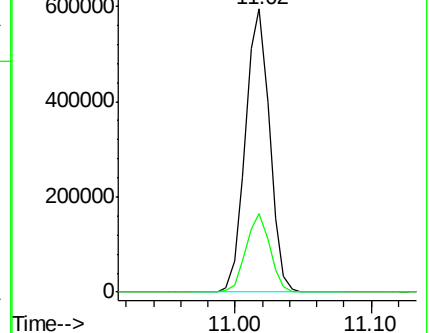
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.950 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Tgt Ion: 43 Resp: 365745

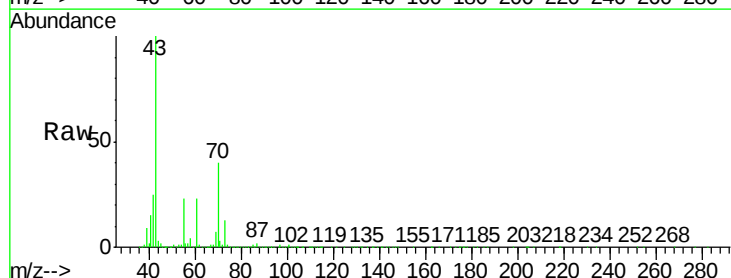
Ion Ratio Lower Upper

43 100

70 42.3 33.8 50.6

55 24.2 19.5 29.3

61 23.4 19.4 29.2

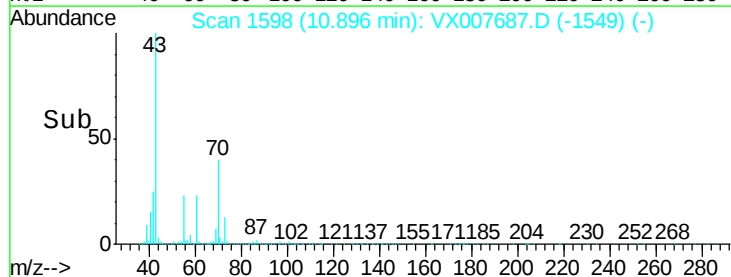
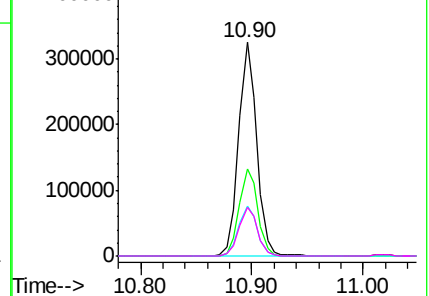


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.162 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

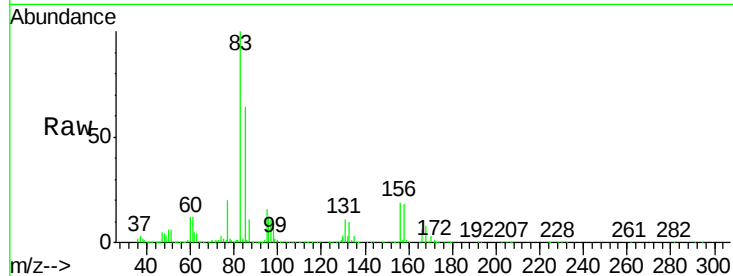
Tot Ion: 83 Resp: 269641

Ion Ratio Lower Upper

83 100

131 10.5 5.7 17.0

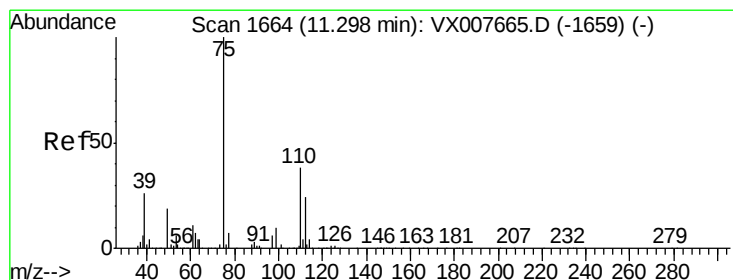
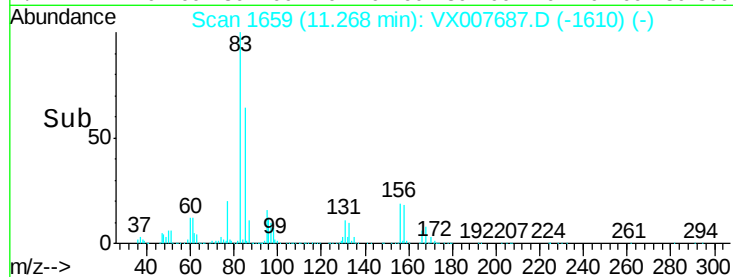
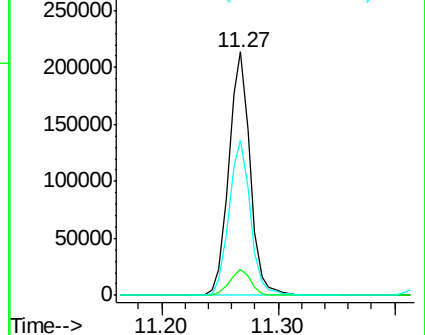
85 64.5 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.363 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007687.D

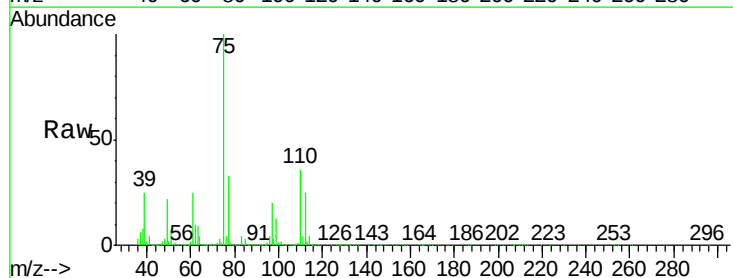
Acq: 26 Feb 2019 00:49

Tgt Ion: 75 Resp: 307450

Ion Ratio Lower Upper

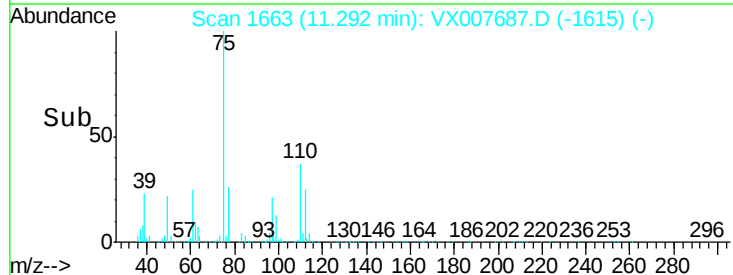
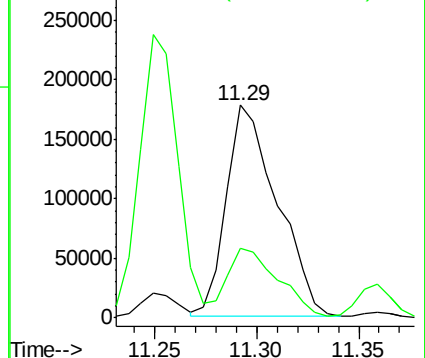
75 100

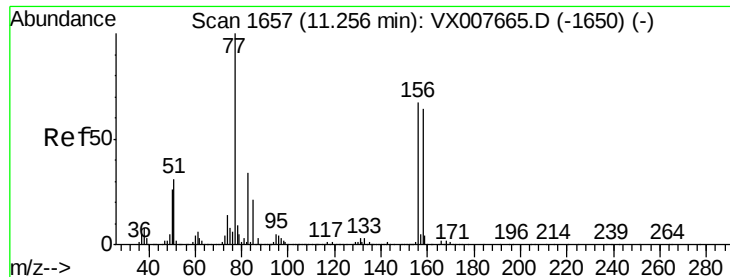
77 33.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.124 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

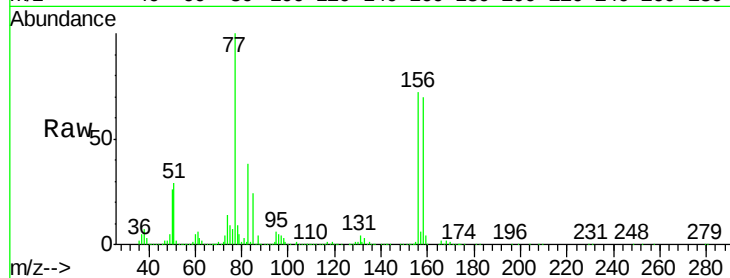
Tot Ion:156 Resp: 207823

Ion Ratio Lower Upper

156 100

77 149.0 66.8 200.6

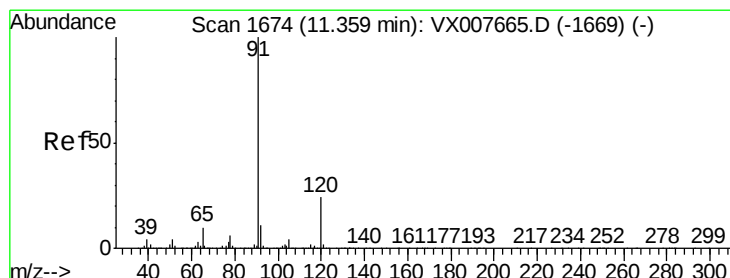
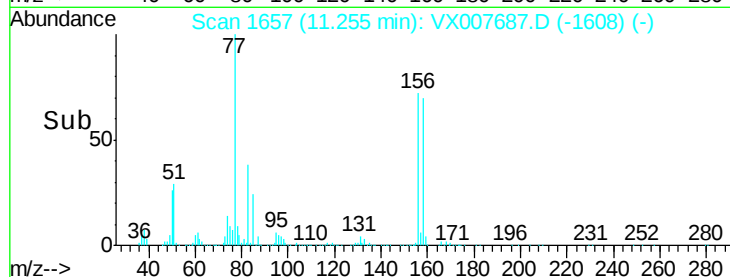
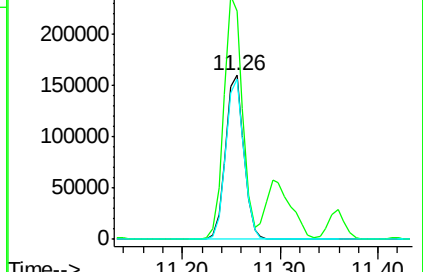
158 96.8 47.9 143.8



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: 45.734 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007687.D

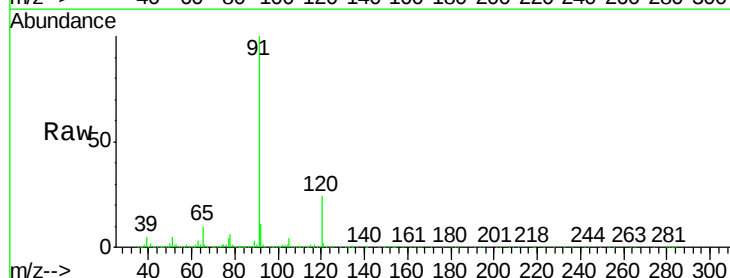
Acq: 26 Feb 2019 00:49

Tgt Ion: 91 Resp: 854288

Ion Ratio Lower Upper

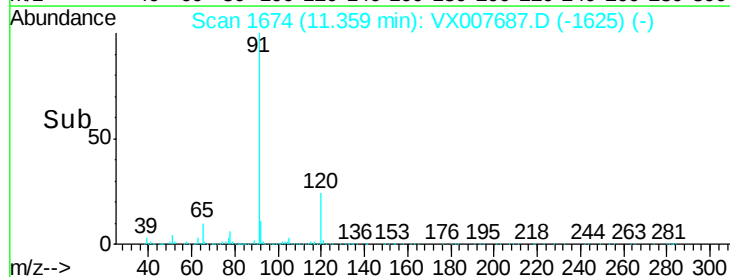
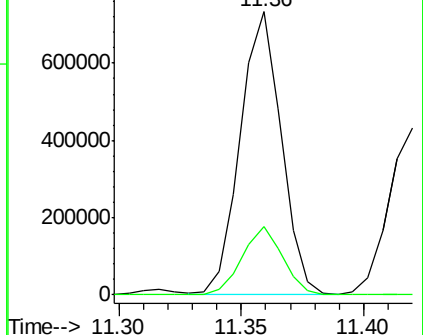
91 100

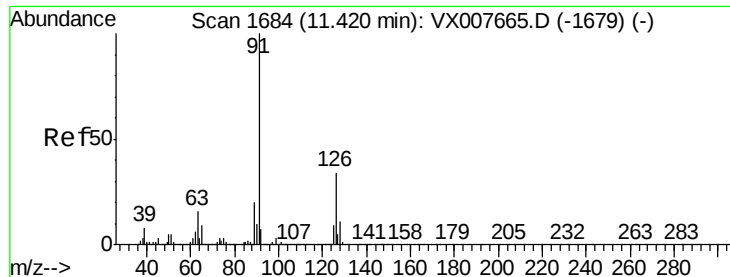
120 23.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.886 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

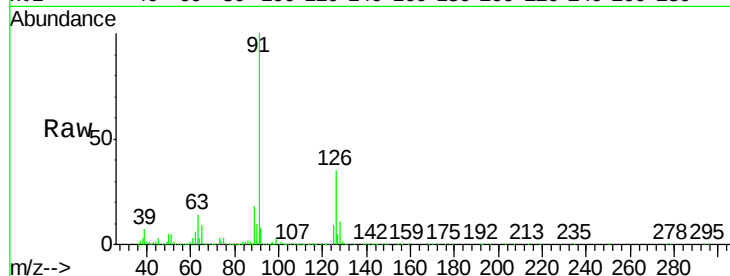
VSTDCCC050

Tot Ion: 91 Resp: 527350

Ion Ratio Lower Upper

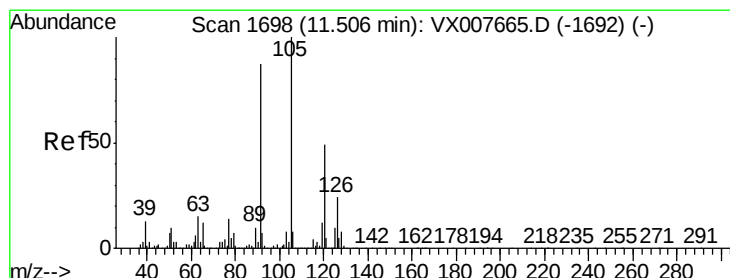
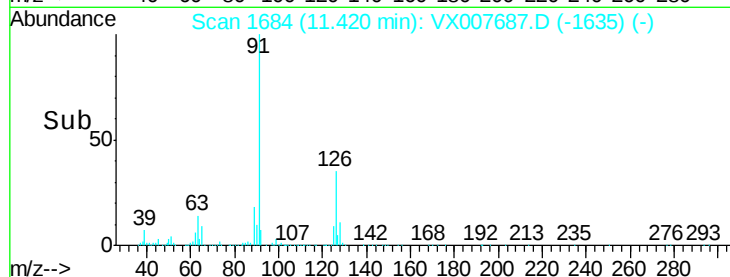
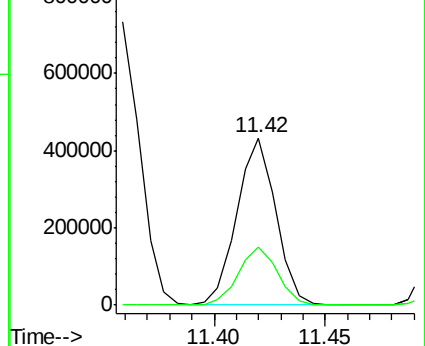
91 100

126 34.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007665.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007665.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.542 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007687.D

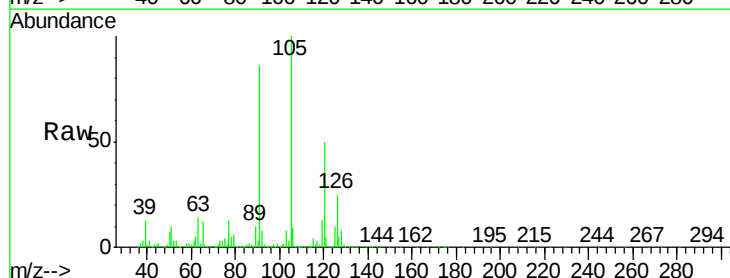
Acq: 26 Feb 2019 00:49

Tgt Ion: 105 Resp: 632837

Ion Ratio Lower Upper

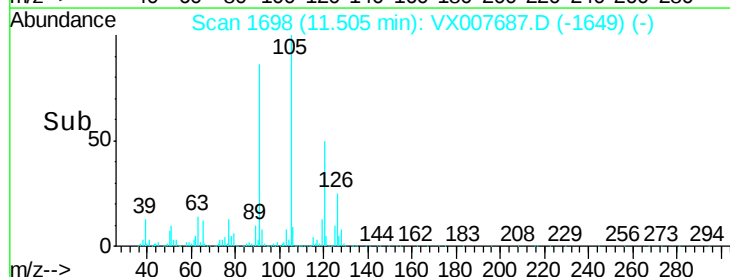
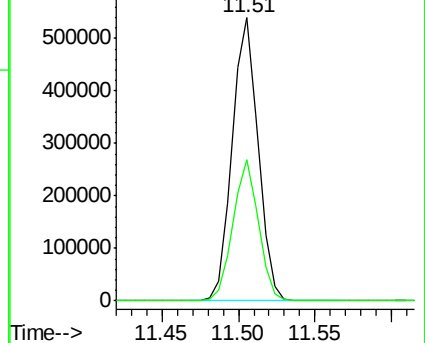
105 100

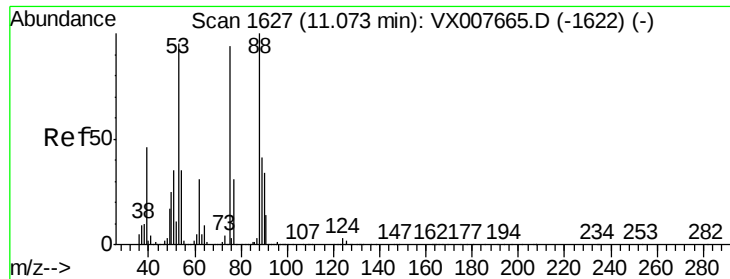
120 49.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007665.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007665.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.395 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

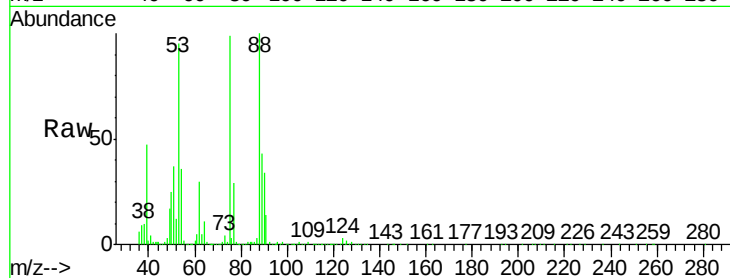
Tot Ion: 75 Resp: 77100

Ion Ratio Lower Upper

75 100

53 98.8 81.0 121.6

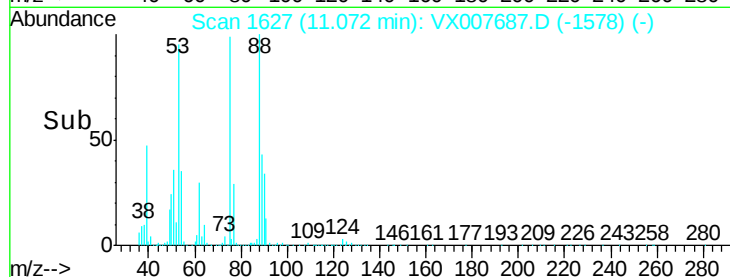
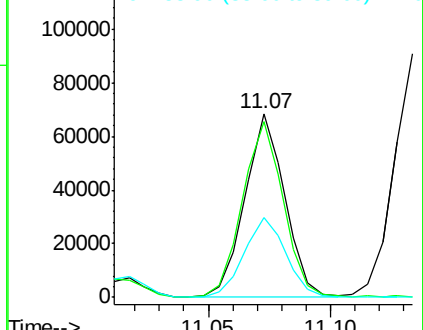
89 45.7 41.4 62.0



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: 46.604 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007687.D

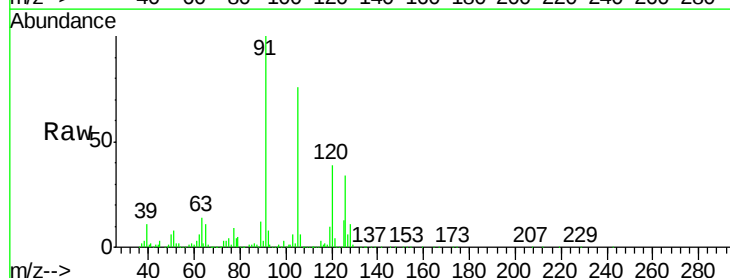
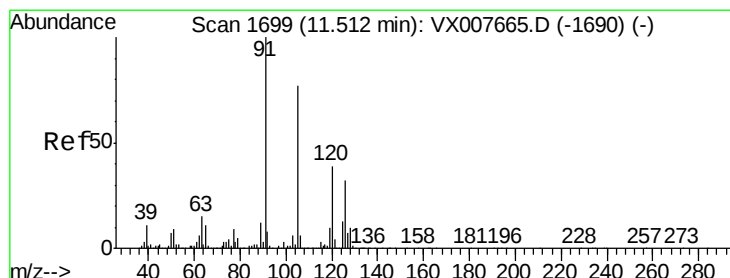
Acq: 26 Feb 2019 00:49

Tgt Ion: 91 Resp: 613191

Ion Ratio Lower Upper

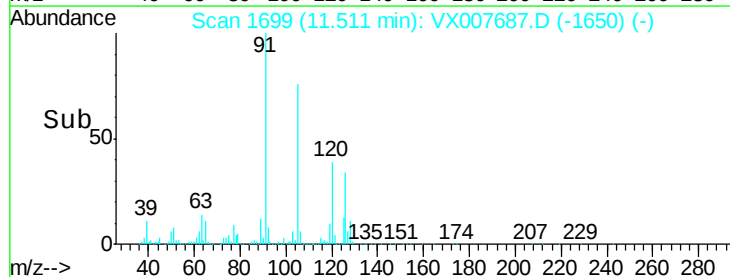
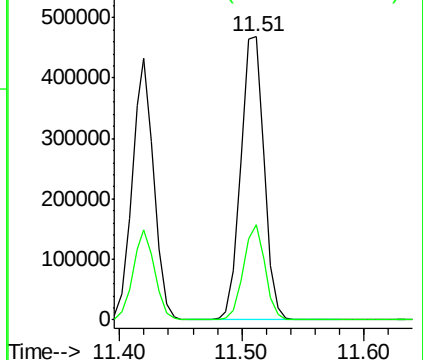
91 100

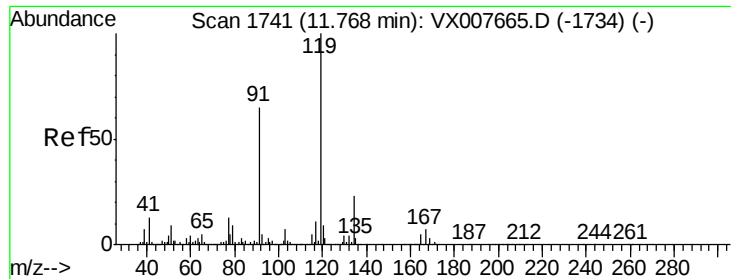
126 31.3 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 45.586 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

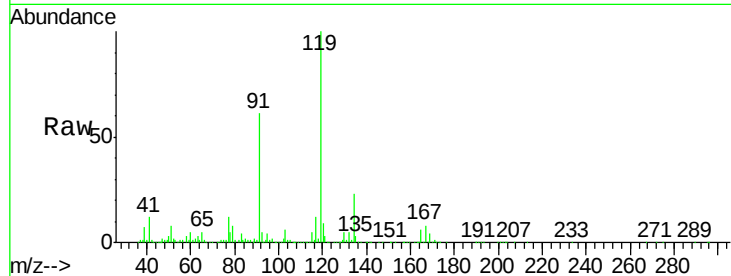
Tot Ion:119 Resp: 595131

Ion Ratio Lower Upper

119 100

91 57.5 28.5 85.6

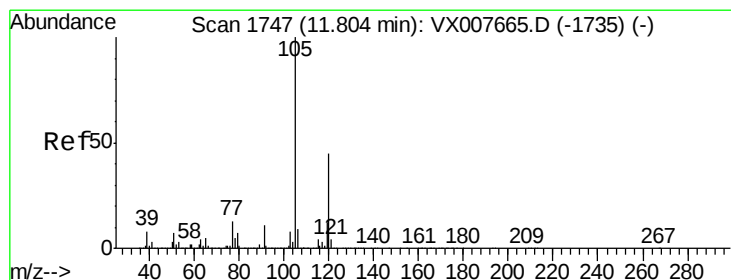
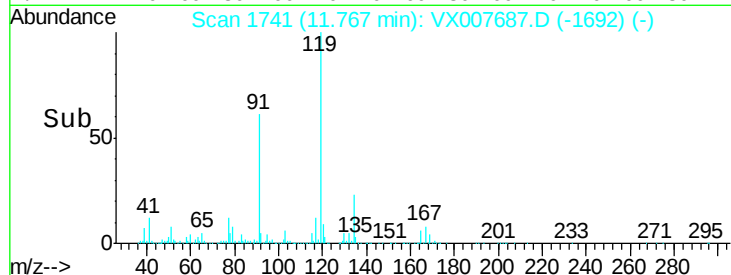
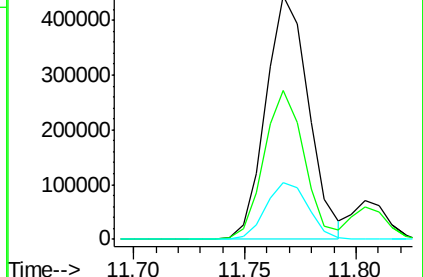
134 23.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.166 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007687.D

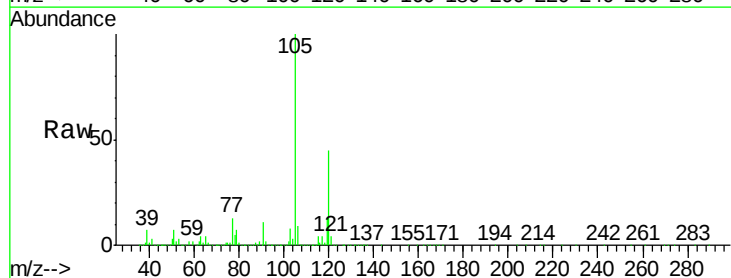
Acq: 26 Feb 2019 00:49

Tgt Ion:105 Resp: 656010

Ion Ratio Lower Upper

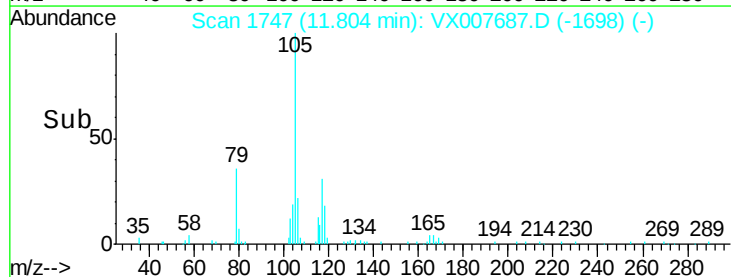
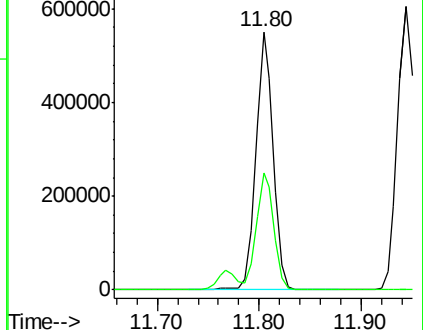
105 100

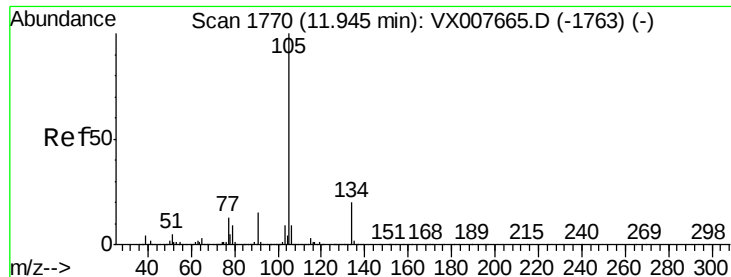
120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.379 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

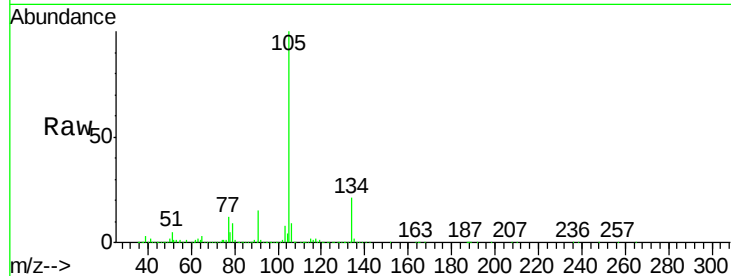
VSTDCCC050

Tot Ion:105 Resp: 726020

Ion Ratio Lower Upper

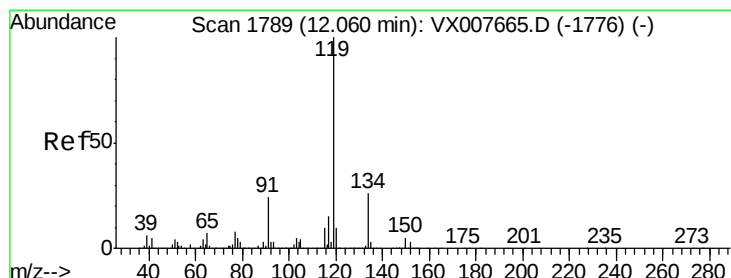
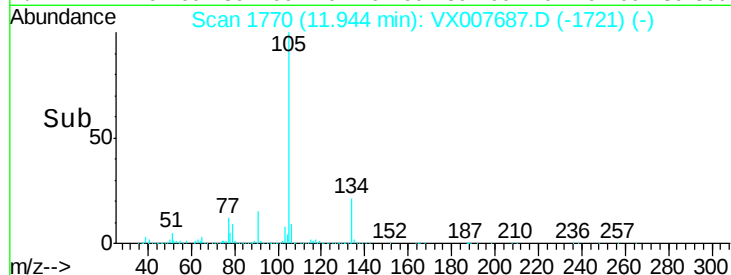
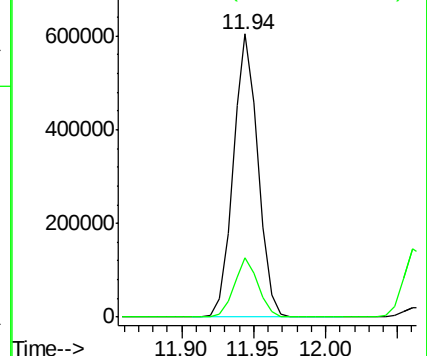
105 100

134 20.5 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.460 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

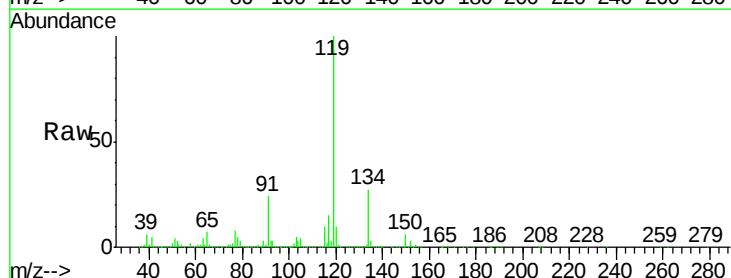
Tgt Ion:119 Resp: 651314

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

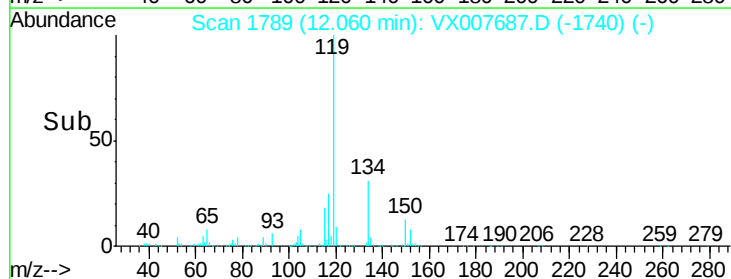
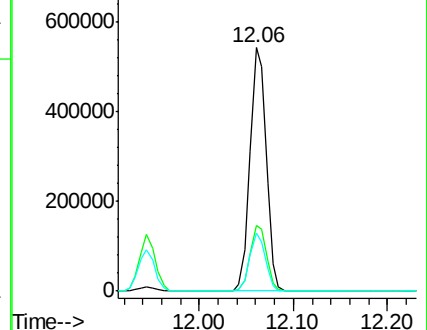
91 23.2 11.2 33.5



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

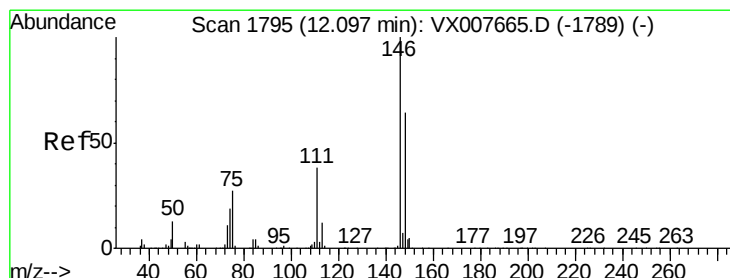
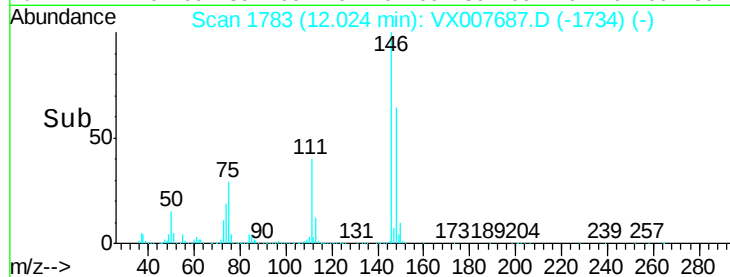
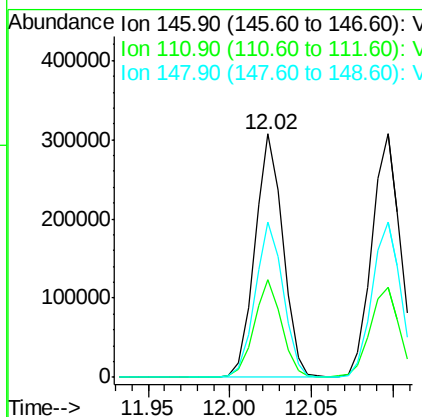
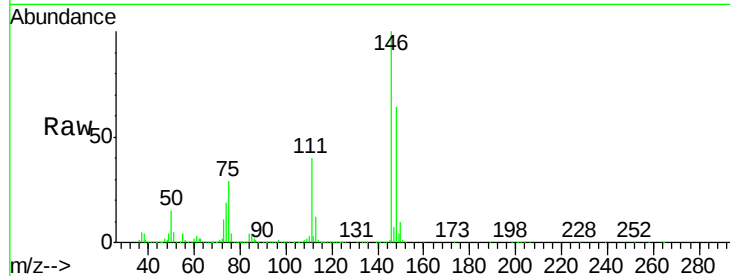




#87  
 1,3-Dichlorobenzene  
 Concen: 47.828 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX007687.D  
 Acq: 26 Feb 2019 00:49

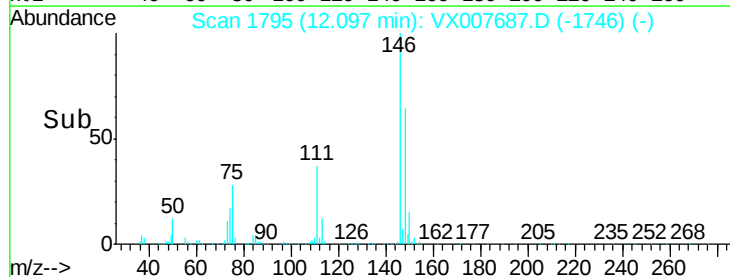
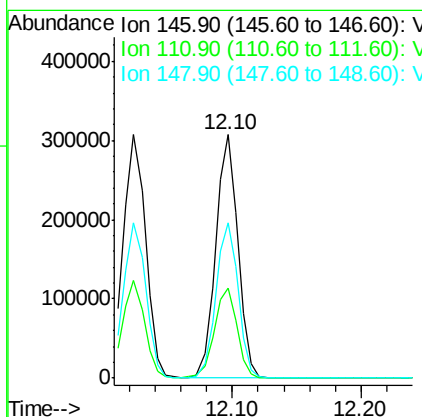
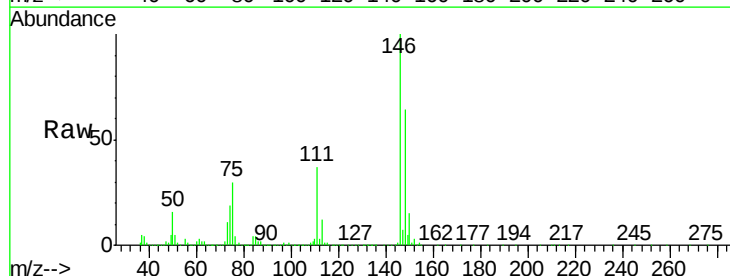
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

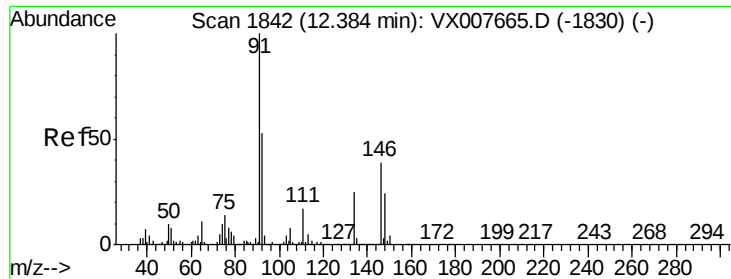
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 18.1  | 54.1  |
| 148     | 63.8  | 32.0  | 96.2  |



#88  
 1,4-Dichlorobenzene  
 Concen: 47.357 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX007687.D  
 Acq: 26 Feb 2019 00:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 18.1  | 54.1  |
| 148     | 64.1  | 32.3  | 96.9  |

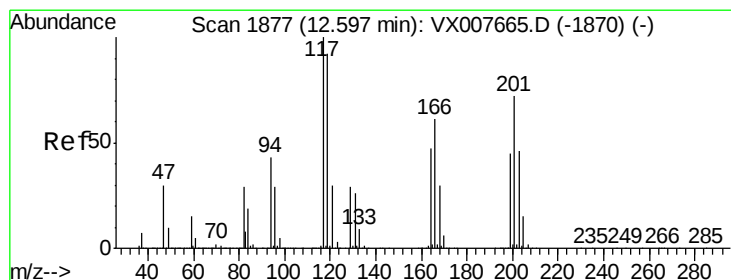
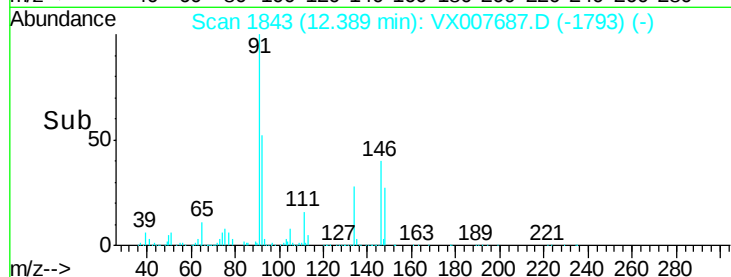
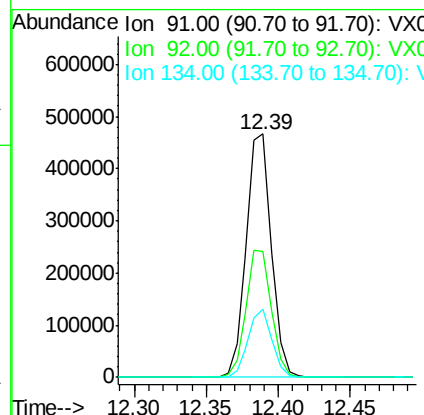
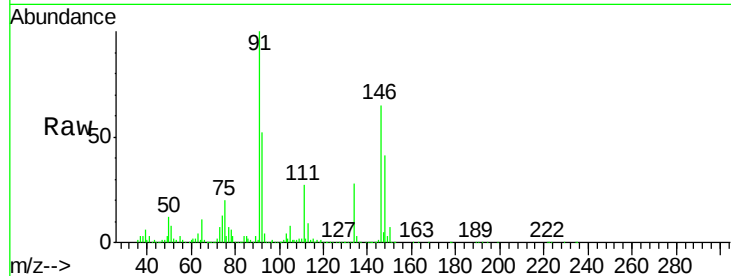




#89  
n-Butylbenzene  
Concen: 44.121 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.01 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

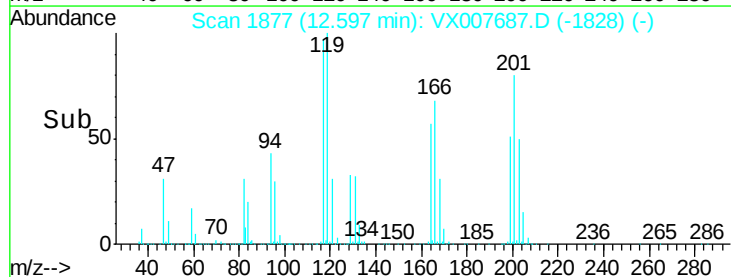
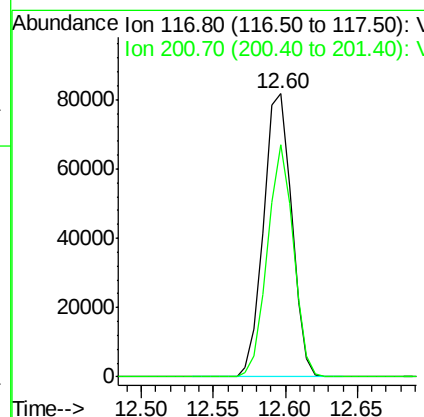
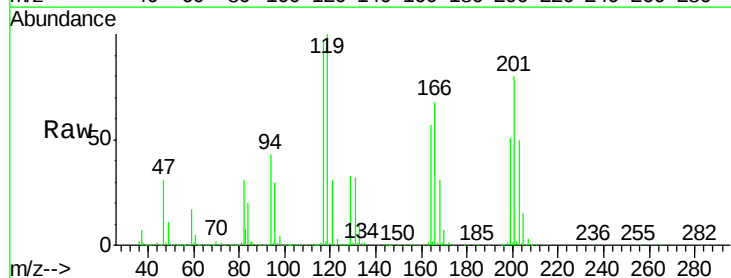
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

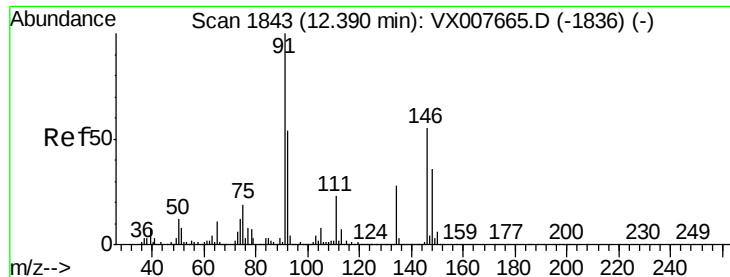
Tot Ion: 91 Resp: 563745  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.3 78.9  
134 26.7 13.9 41.6



#90  
Hexachloroethane  
Concen: 45.660 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX007687.D  
Acq: 26 Feb 2019 00:49

Tgt Ion: 117 Resp: 110224  
Ion Ratio Lower Upper  
117 100  
201 75.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 48.203 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

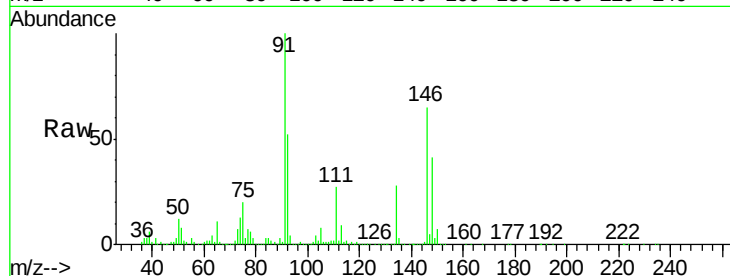
Tot Ion:146 Resp: 370927

Ion Ratio Lower Upper

146 100

111 40.6 19.1 57.3

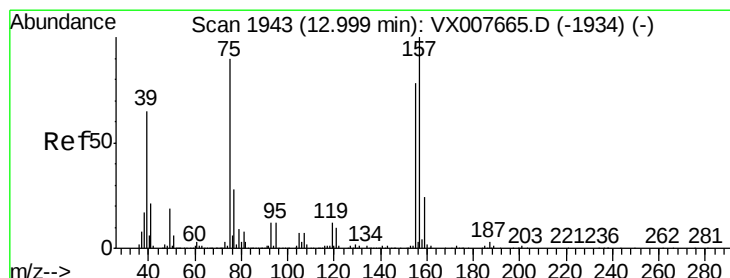
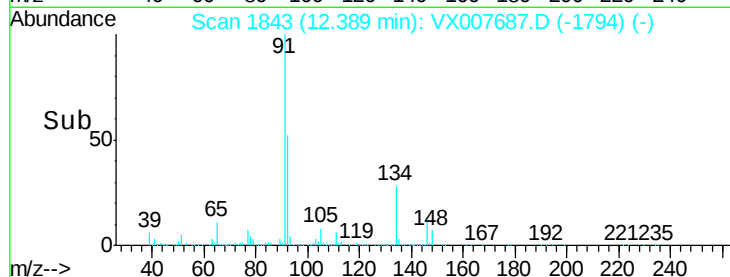
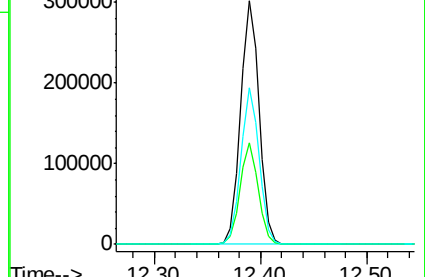
148 63.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.938 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

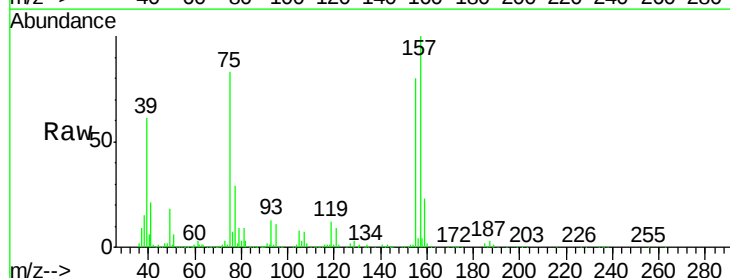
Tgt Ion: 75 Resp: 58472

Ion Ratio Lower Upper

75 100

155 91.4 49.6 149.0

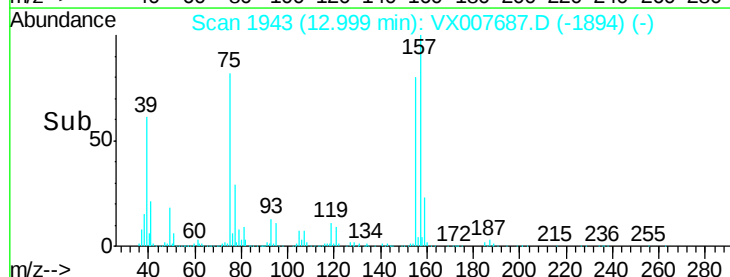
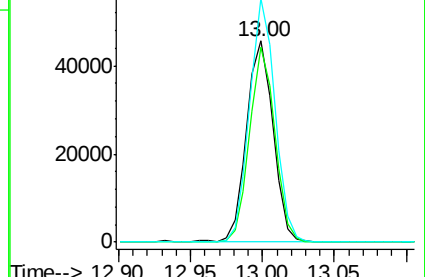
157 115.2 65.1 195.3

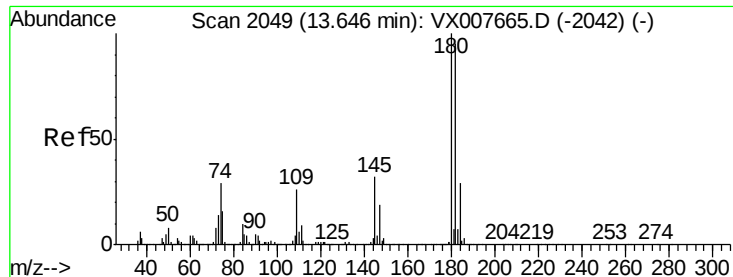


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

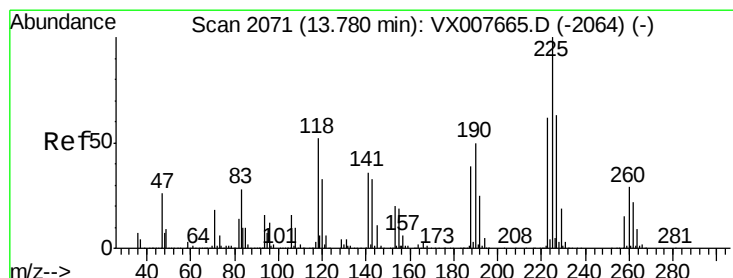
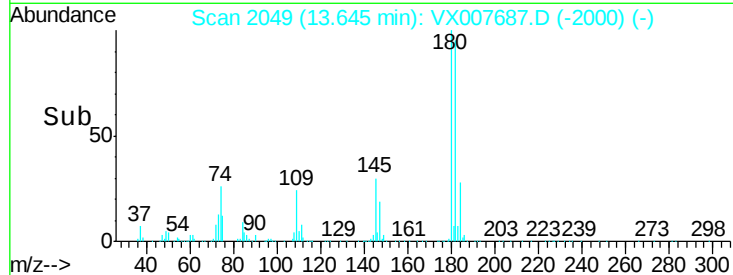
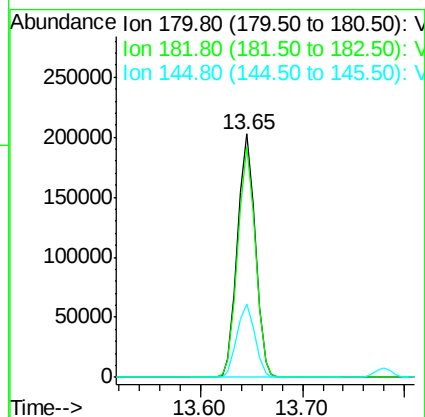
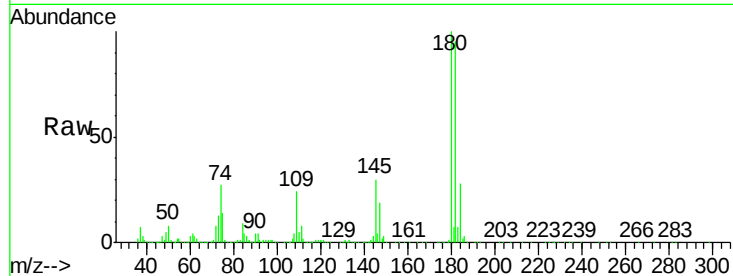




#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.525 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX007687.D  
 Acq: 26 Feb 2019 00:49

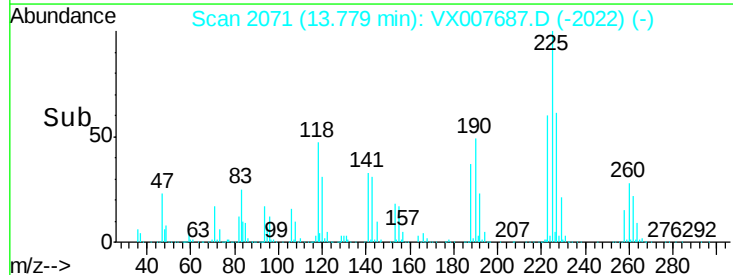
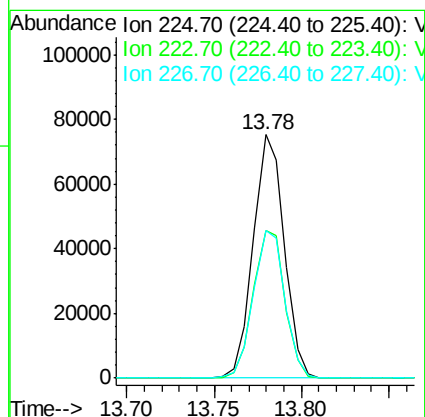
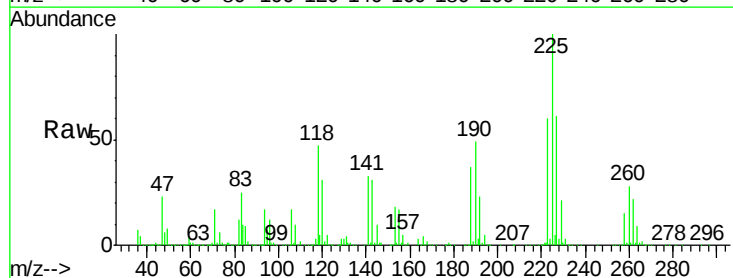
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

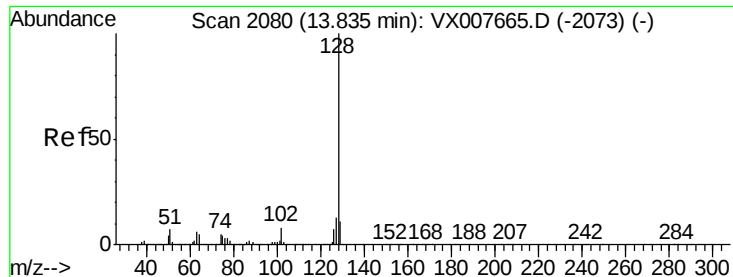
Tot Ion:180 Resp: 242021  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 47.8 143.3  
 145 30.5 14.1 42.2



#94  
 Hexachlorobutadiene  
 Concen: 43.178 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX007687.D  
 Acq: 26 Feb 2019 00:49

Tgt Ion:225 Resp: 92781  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 31.6 94.8  
 227 61.8 32.1 96.3





#95

Naphthalene

Concen: 54.646 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

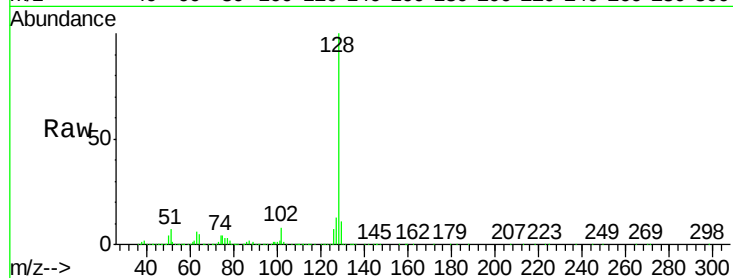
Tot Ion:128 Resp: 831608

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

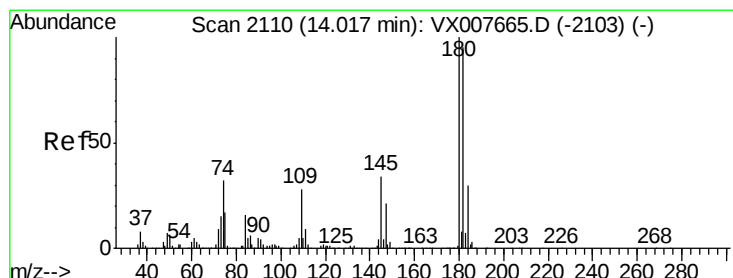
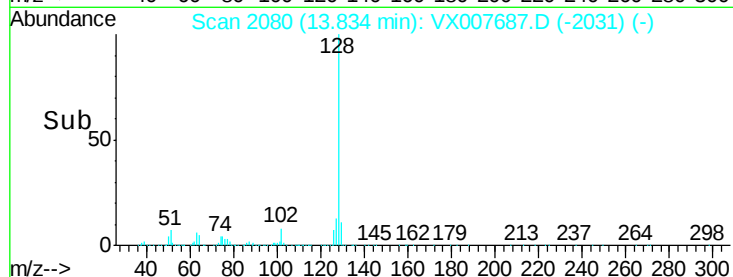
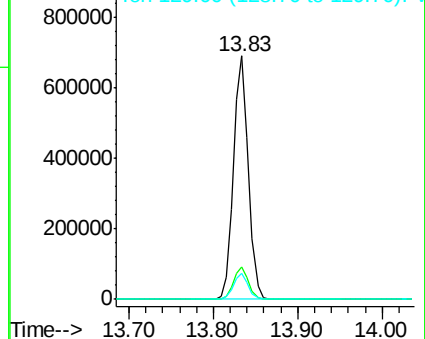
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.423 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007687.D

Acq: 26 Feb 2019 00:49

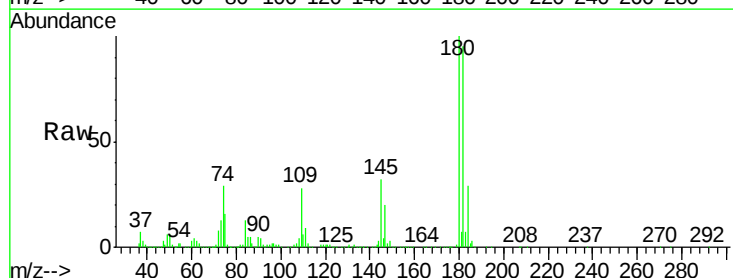
Tgt Ion:180 Resp: 242532

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 32.2 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

