

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX101718\  
 Data File : VX005381.D  
 Acq On : 17 Oct 2018 09:31  
 Operator : JC/MD  
 Sample : VX1017MBS01  
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

Quant Time: Oct 17 16:37:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 259510   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 369436   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 342062   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 194540   | 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   | 140340   | 48.73 | ug/l    | -0.01    |
| Spiked Amount               | 50.000 |      | Recovery | =     | 97.46%  |          |
| 35) Dibromofluoromethane    | 5.50   | 113  | 116328   | 47.54 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.08%  |          |
| 50) Toluene-d8              | 8.71   | 98   | 440573   | 52.45 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 104.90% |          |
| 62) 4-Bromofluorobenzene    | 11.14  | 95   | 161586   | 51.20 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 102.40% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 40096    | 19.76  | ug/l  | 95     |
| 3) Chloromethane              | 1.32 | 50   | 60080    | 20.43  | ug/l  | # 88   |
| 4) Vinyl Chloride             | 1.40 | 62   | 54933    | 18.44  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 33342    | 20.17  | ug/l  | 98     |
| 6) Chloroethane               | 1.71 | 64   | 35379    | 19.13  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 78554    | 19.76  | ug/l  | 88     |
| 8) Diethyl Ether              | 2.19 | 74   | 32607    | 19.21  | ug/l  | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 45238    | 19.72  | ug/l  | 94     |
| 10) Methyl Iodide             | 2.51 | 142  | 49852    | 21.32  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 84453    | 103.95 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 43672    | 19.21  | ug/l  | 97     |
| 13) Acrolein                  | 2.29 | 56   | 33697    | 63.38  | ug/l  | 96     |
| 14) Allyl chloride            | 2.73 | 41   | 95567    | 19.15  | ug/l  | 97     |
| 15) Acrylonitrile             | 3.15 | 53   | 177752   | 96.55  | ug/l  | 97     |
| 16) Acetone                   | 2.45 | 43   | 168584   | 101.23 | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.57 | 76   | 121095   | 17.59  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 96714    | 20.41  | ug/l  | 96     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 162774   | 20.33  | ug/l  | 96     |
| 20) Methylene Chloride        | 2.85 | 84   | 51663    | 20.52  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 47826    | 18.99  | ug/l  | 98     |
| 22) Diisopropyl ether         | 3.87 | 45   | 156678   | 18.69  | ug/l  | 92     |
| 23) Vinyl Acetate             | 3.82 | 43   | 685249   | 93.54  | ug/l  | 96     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 94475    | 19.67  | ug/l  | 98     |
| 25) 2-Butanone                | 4.70 | 43   | 232931   | 95.60  | ug/l  | 95     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 70285    | 19.56  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 50905    | 18.60  | ug/l  | 95     |
| 28) Bromochloromethane        | 5.01 | 49   | 43018    | 19.64  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 146667   | 94.37  | ug/l  | 93     |
| 30) Chloroform                | 5.21 | 83   | 87777    | 19.69  | ug/l  | 98     |
| 31) Cyclohexane               | 5.57 | 56   | 71844    | 18.15  | ug/l  | 92     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 75203    | 19.38  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 62334    | 17.42  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.86 | 43   | 86381    | 18.77  | ug/l  | 97     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 65847    | 18.32  | ug/l  | 99     |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

Quant Time: Oct 17 16:37:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 71503    | 18.46  | ug/l  | 94       |
| 40) Benzene                    | 6.14  | 78   | 192211   | 17.91  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 44300    | 17.96  | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 69626    | 18.37  | ug/l  | 97       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 118723   | 19.37  | ug/l  | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 53755    | 19.23  | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 51521    | 19.57  | ug/l  | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 33437    | 19.24  | ug/l  | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 64074    | 19.93  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 60925    | 19.16  | ug/l  | 96       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 29901    | 407.79 | ug/l  | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 432271   | 101.85 | ug/l  | 95       |
| 52) Toluene                    | 8.79  | 92   | 121634   | 20.71  | ug/l  | 97       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 69283    | 19.92  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 76980    | 20.42  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 51270    | 20.61  | ug/l  | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 74394    | 20.52  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 84485    | 20.35  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 211782   | 104.15 | ug/l  | 95       |
| 59) 2-Hexanone                 | 9.49  | 43   | 346206   | 101.41 | ug/l  | 93       |
| 60) Dibromochloromethane       | 9.59  | 129  | 52255    | 20.33  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 52747    | 20.21  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 56598    | 20.55  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 138738   | 19.07  | ug/l  | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 50770    | 19.58  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 227615   | 19.24  | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 180943   | 39.41  | ug/l  | 96       |
| 69) o-Xylene                   | 10.70 | 106  | 85893    | 19.40  | ug/l  | 97       |
| 70) Styrene                    | 10.71 | 104  | 144574   | 19.85  | ug/l  | 98       |
| 71) Bromoform                  | 10.86 | 173  | 42749    | 18.45  | ug/l  | # 99     |
| 73) Isopropylbenzene           | 11.02 | 105  | 234577   | 20.28  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 105003   | 18.82  | ug/l  | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 83002    | 19.03  | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 95741    | 25.37  | ug/l  | 87       |
| 77) Bromobenzene               | 11.26 | 156  | 64322    | 19.45  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 268915   | 20.21  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 162037   | 19.88  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 199903   | 20.19  | ug/l  | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 22996    | 18.52  | ug/l  | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 190898   | 19.76  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 199385   | 19.88  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 207545   | 20.36  | ug/l  | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 241349   | 20.34  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 216709   | 20.20  | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 121391   | 19.65  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 121922   | 19.29  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 186899   | 19.19  | ug/l  | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 33721    | 18.24  | ug/l  | 94       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 122116   | 19.37  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 19915    | 18.71  | ug/l  | 98       |

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Sample : VX1017MBS01  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 12 11:28:43 2018  
Response via : Initial Calibration

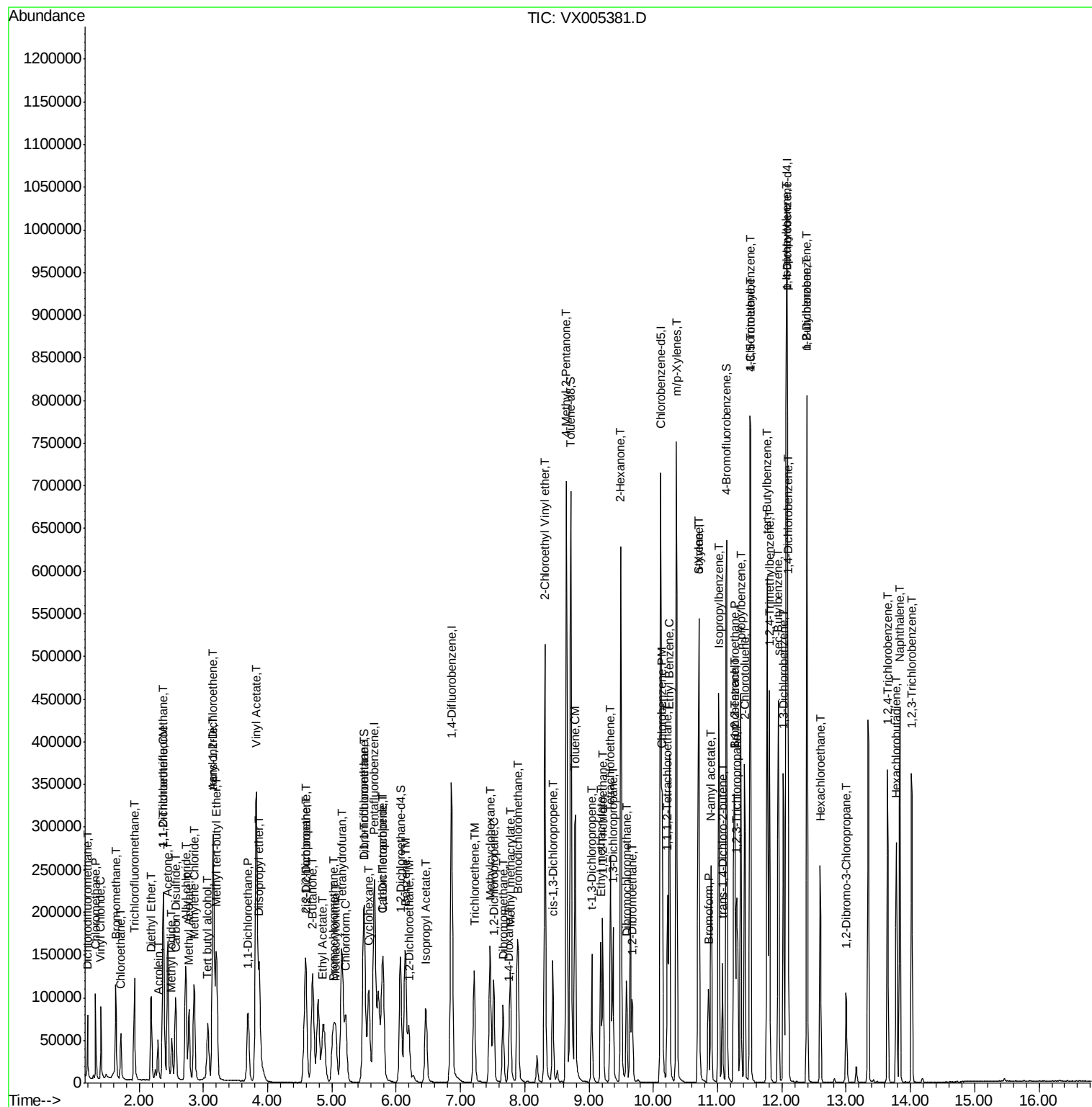
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 90822    | 19.63 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 48344    | 19.79 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 267851   | 19.96 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 94697    | 20.01 | ug/l  | 98       |

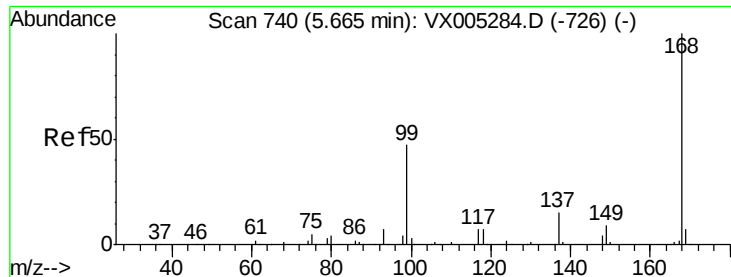
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX101718\  
Data File : VX005381.D  
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Sample : VX1017MBS01  
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Quant Title : SW846 8260  
QLast Update : Fri Oct 12 11:28:43 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

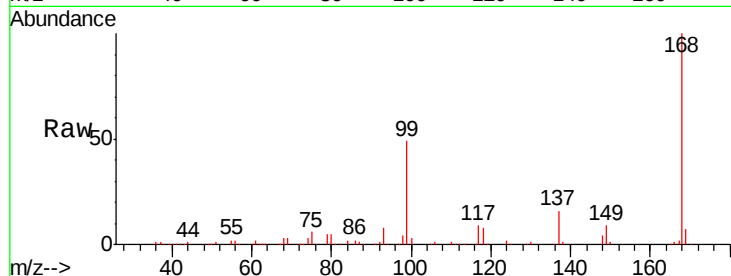
VX1017MBS01

Tgt Ion: 168 Resp: 259510

Ion Ratio Lower Upper

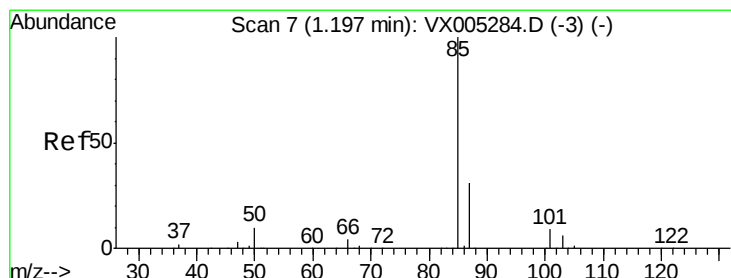
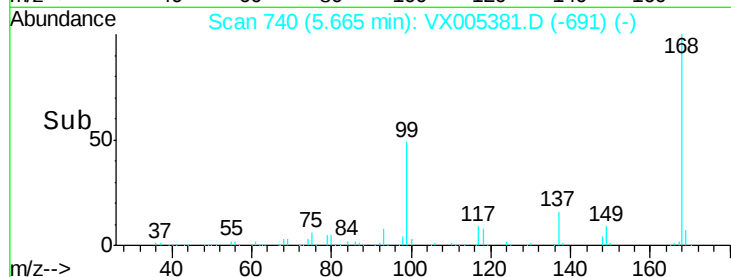
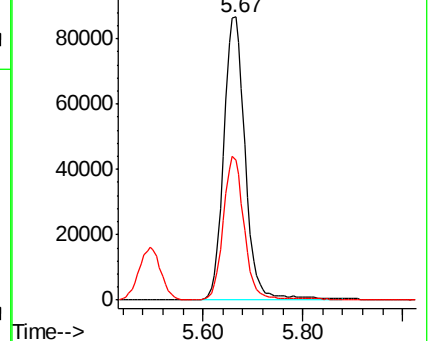
168 100

99 49.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.76 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005381.D

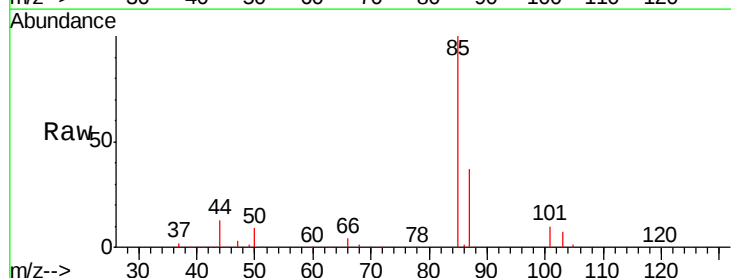
Acq: 17 Oct 2018 09:31

Tgt Ion: 85 Resp: 40096

Ion Ratio Lower Upper

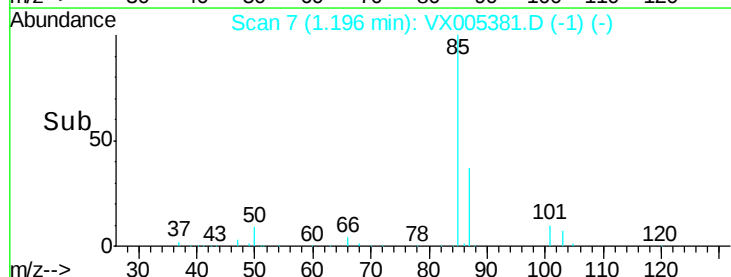
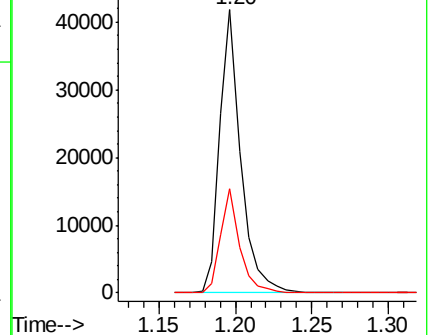
85 100

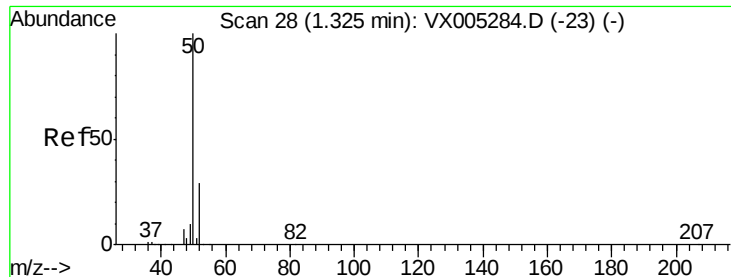
87 36.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.43 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

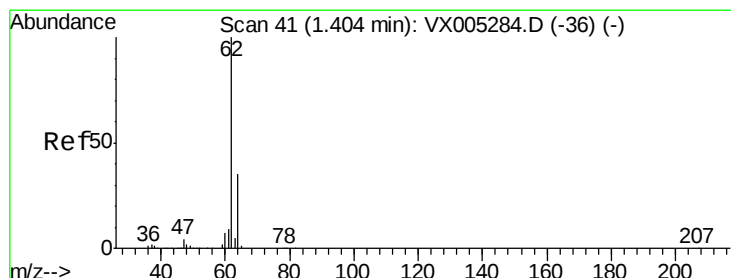
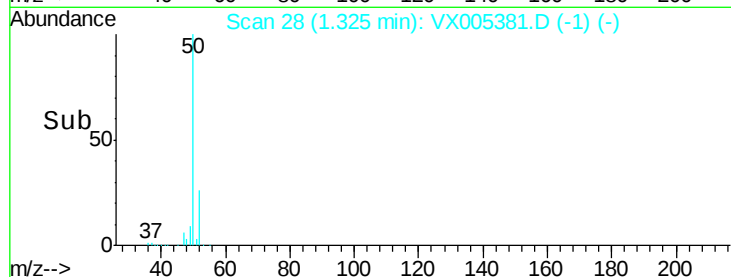
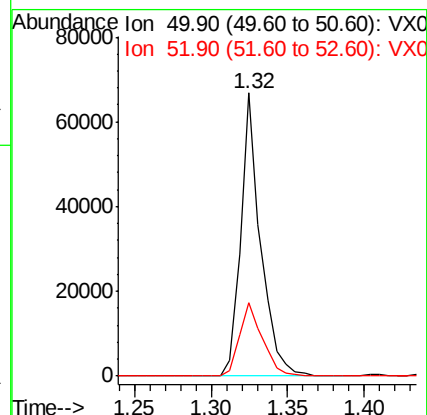
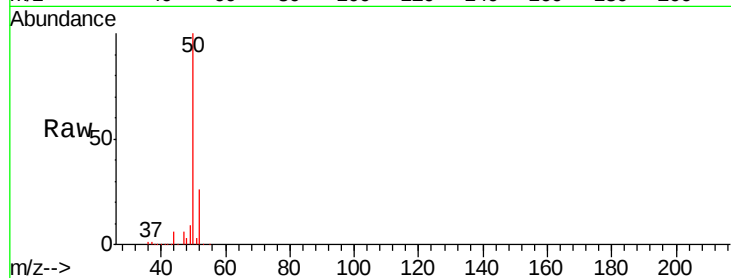
VX1017MBS01

Tgt Ion: 50 Resp: 60080

Ion Ratio Lower Upper

50 100

52 25.8 26.2 39.2#



#4

Vinyl Chloride

Concen: 18.44 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005381.D

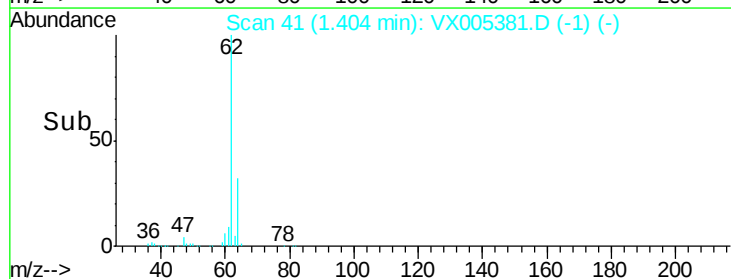
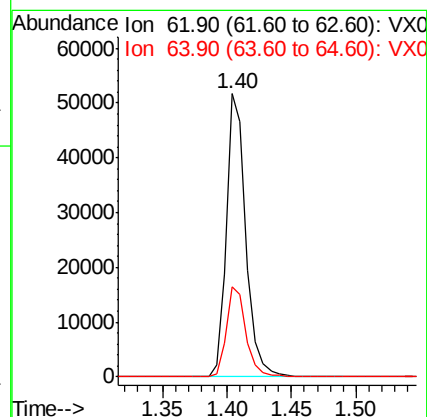
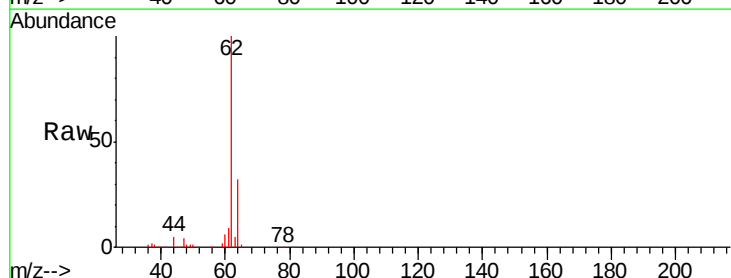
Acq: 17 Oct 2018 09:31

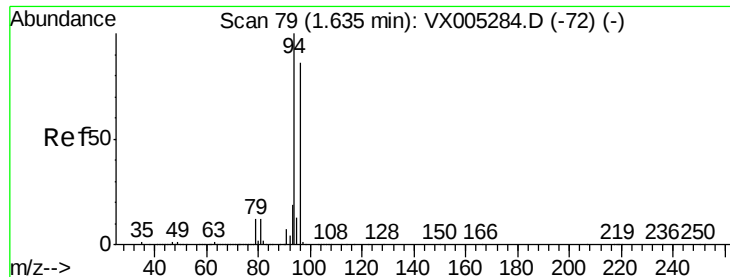
Tgt Ion: 62 Resp: 54933

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 20.17 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

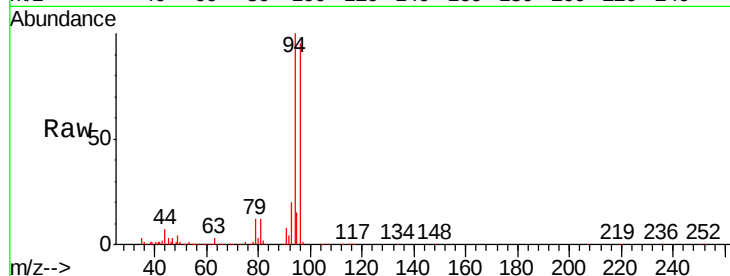
VX1017MBS01

Tgt Ion: 94 Resp: 33342

Ion Ratio Lower Upper

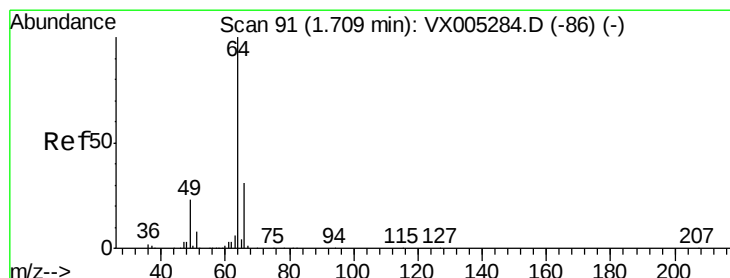
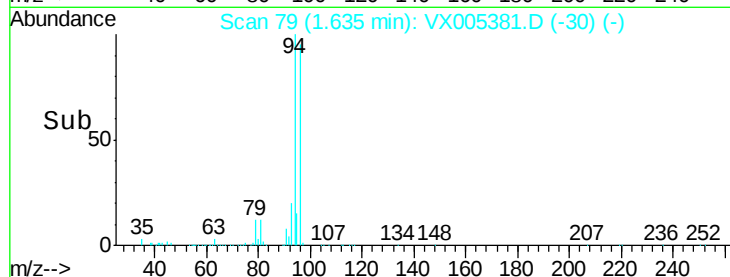
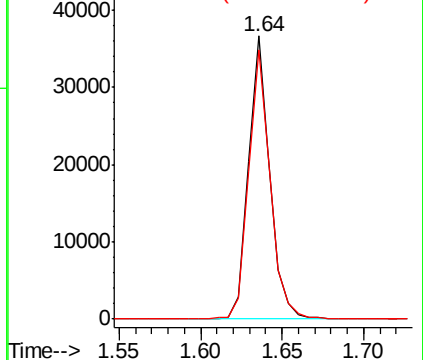
94 100

96 95.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.13 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005381.D

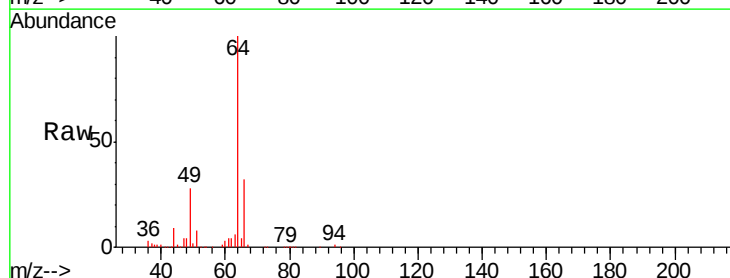
Acq: 17 Oct 2018 09:31

Tgt Ion: 64 Resp: 35379

Ion Ratio Lower Upper

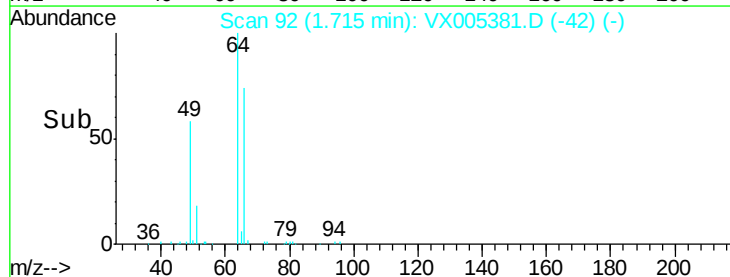
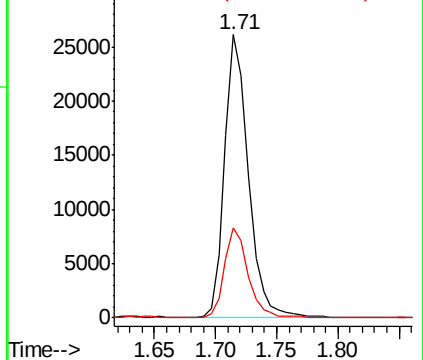
64 100

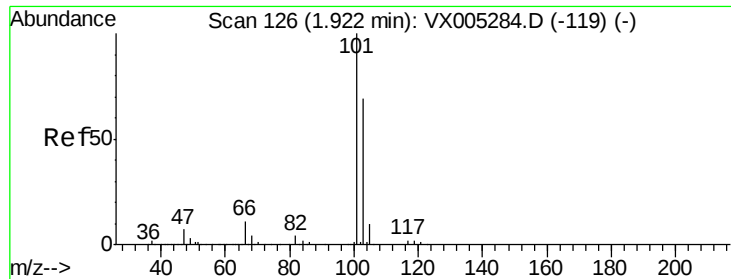
66 31.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



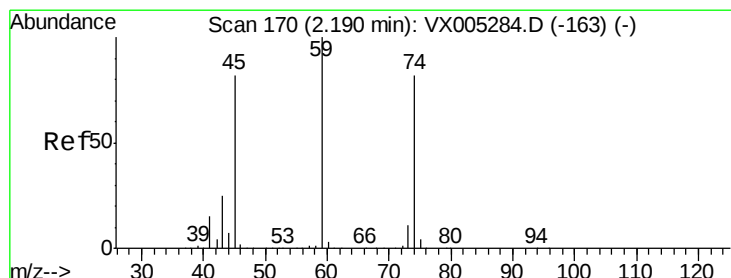
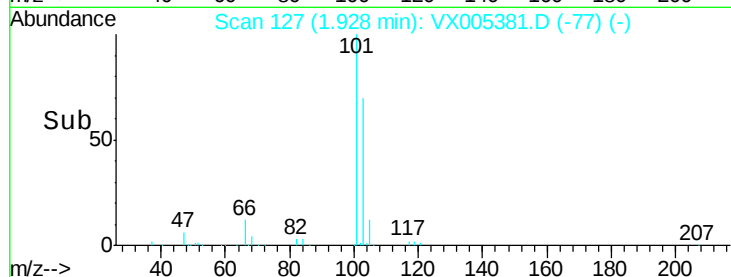
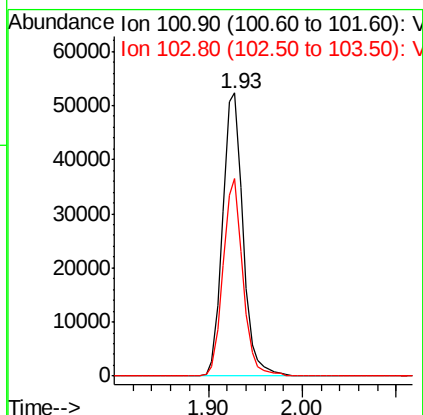
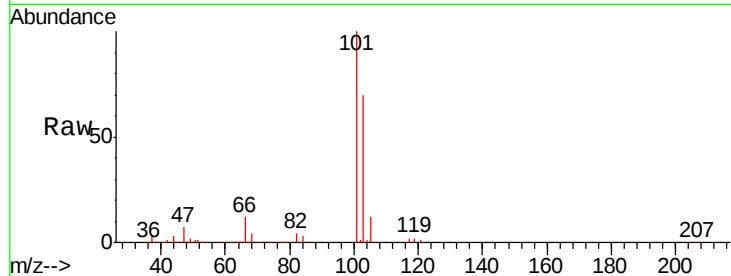


#7

Trichlorofluoromethane  
 Concen: 19.76 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

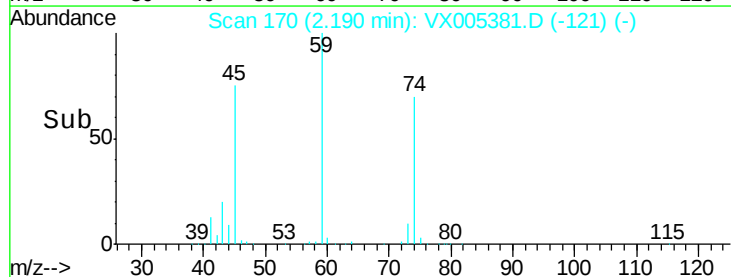
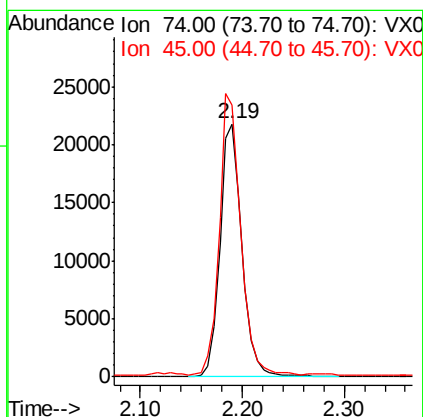
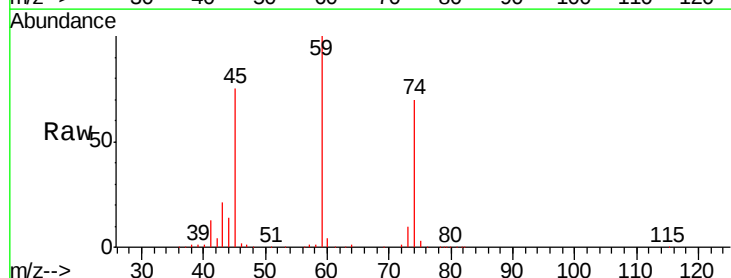
Tgt Ion:101 Resp: 78554  
 Ion Ratio Lower Upper  
 101 100  
 103 70.0 48.9 73.3

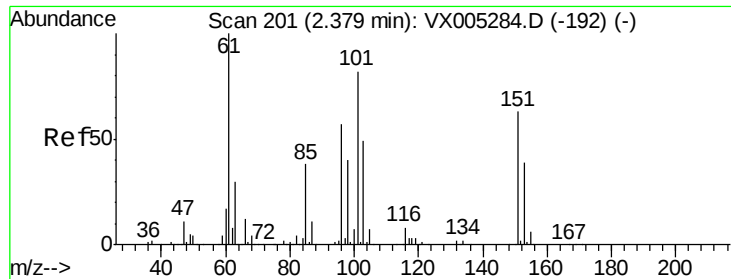


#8

Diethyl Ether  
 Concen: 19.21 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. 0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Tgt Ion: 74 Resp: 32607  
 Ion Ratio Lower Upper  
 74 100  
 45 108.9 48.3 144.8

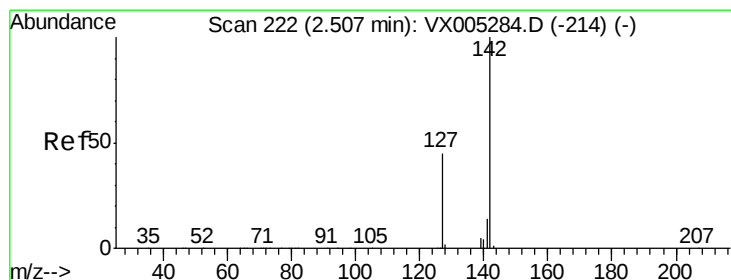
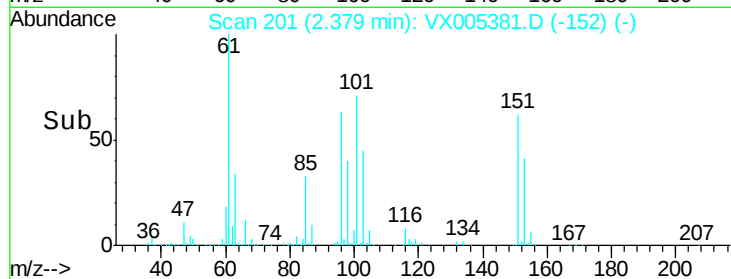
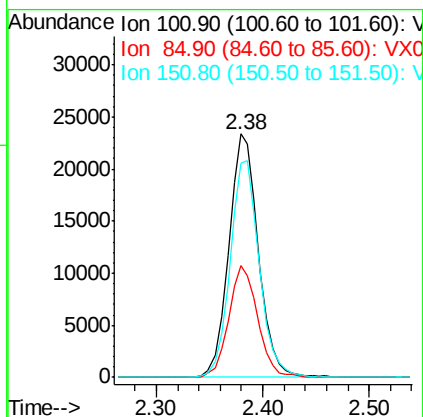
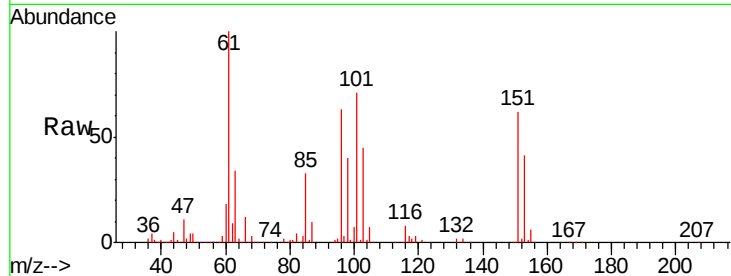




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.72 ug/l  
 RT: 2.38 min Scan# 201  
 Delta R.T. -0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

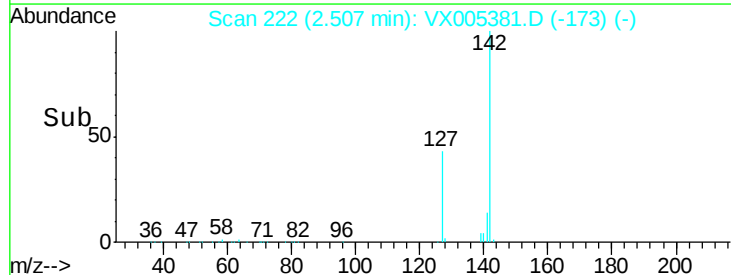
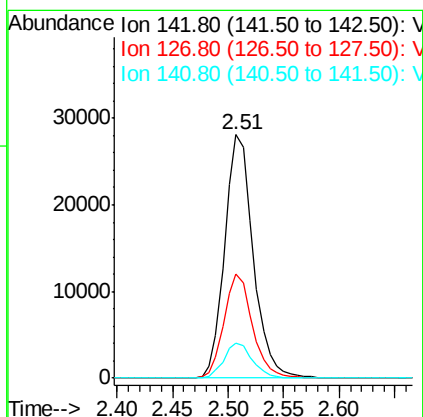
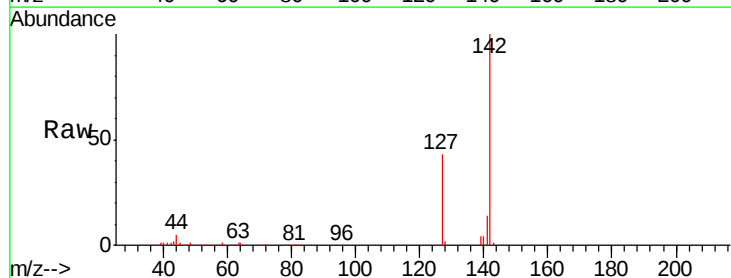
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

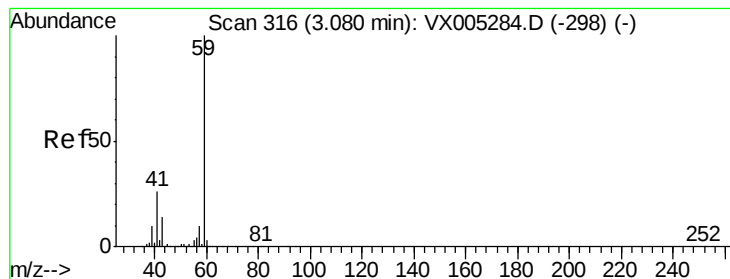
Tgt Ion:101 Resp: 45238  
 Ion Ratio Lower Upper  
 101 100  
 85 44.9 34.2 51.4  
 151 88.5 65.0 97.6



#10  
 Methyl Iodide  
 Concen: 21.32 ug/l  
 RT: 2.51 min Scan# 222  
 Delta R.T. 0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Tgt Ion:142 Resp: 49852  
 Ion Ratio Lower Upper  
 142 100  
 127 42.9 33.8 50.6  
 141 14.4 11.4 17.0



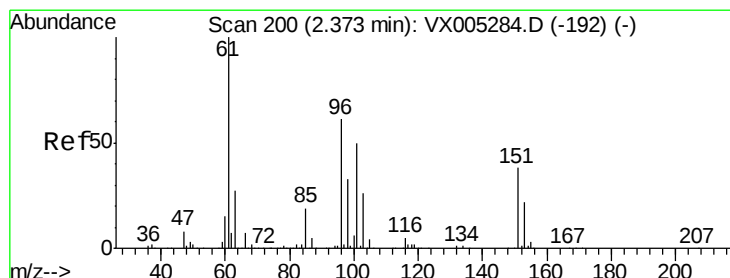
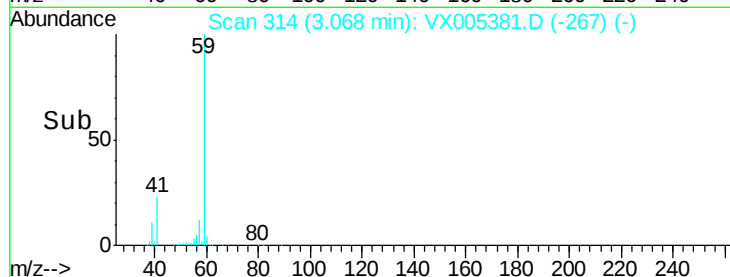
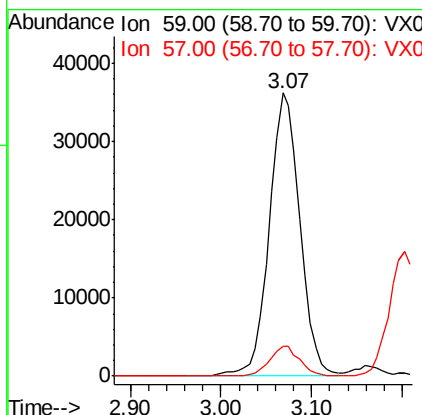
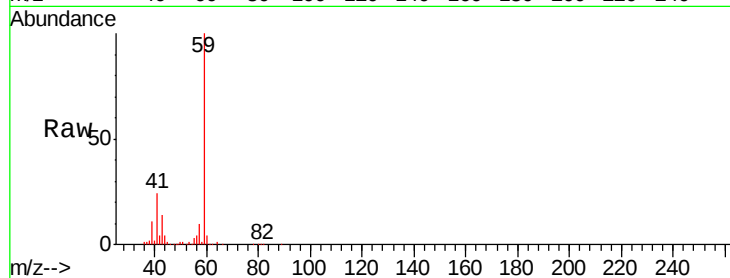


#11

Tert butyl alcohol  
 Concen: 103.95 ug/l  
 RT: 3.07 min Scan# 314  
 Delta R.T. -0.01 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

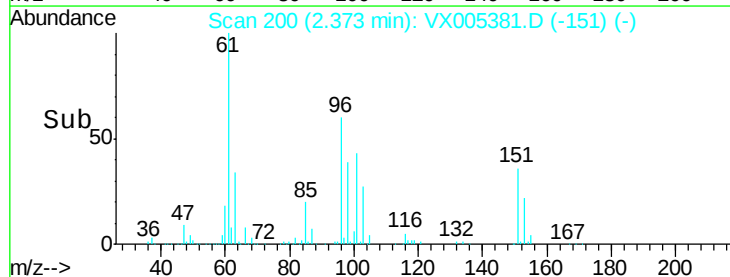
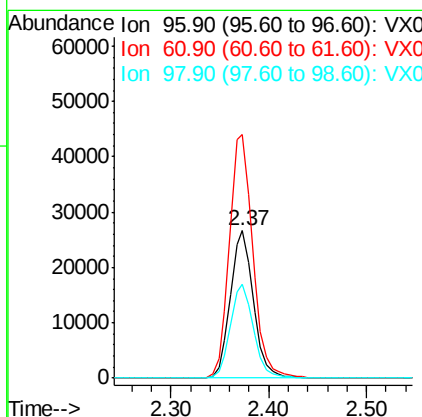
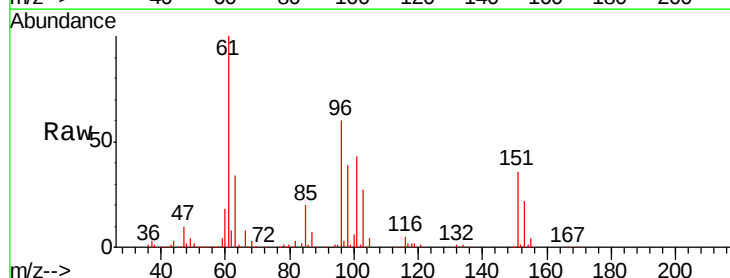
Tgt Ion: 59 Resp: 84453  
 Ion Ratio Lower Upper  
 59 100  
 57 10.2 8.2 12.4

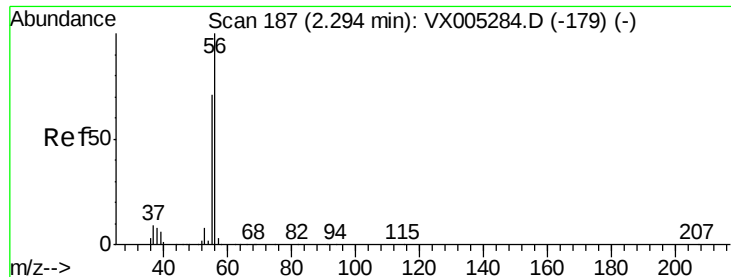


#12

1,1-Dichloroethene  
 Concen: 19.21 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Tgt Ion: 96 Resp: 43672  
 Ion Ratio Lower Upper  
 96 100  
 61 165.3 128.8 193.2  
 98 63.9 52.2 78.2





#13

Acrolein

Concen: 63.38 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

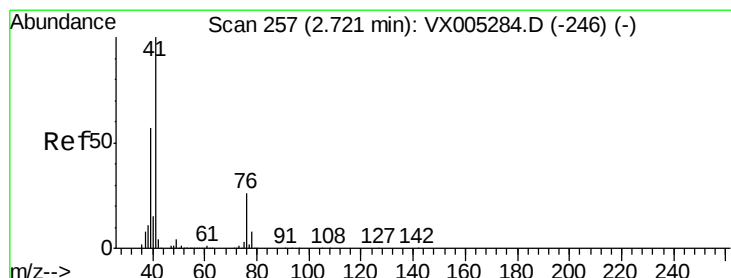
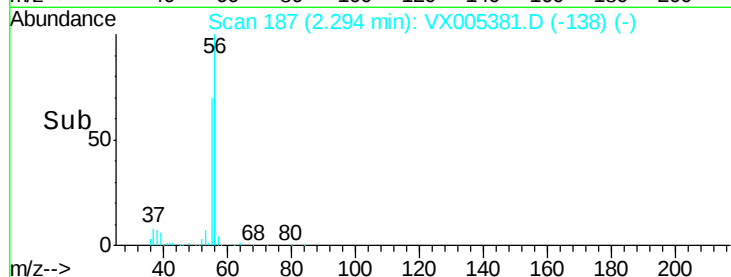
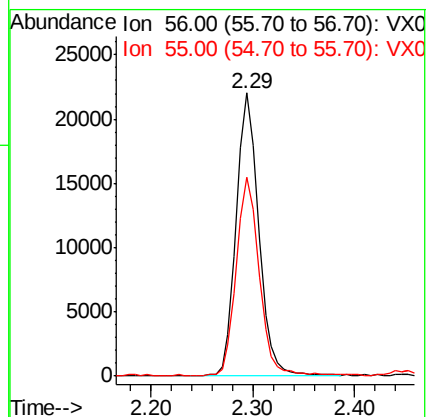
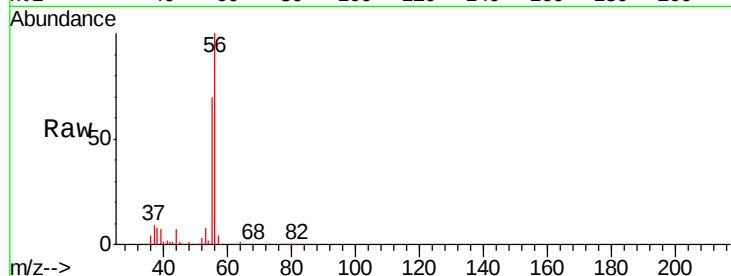
VX1017MBS01

Tgt Ion: 56 Resp: 33697

Ion Ratio Lower Upper

56 100

55 71.9 54.7 82.1



#14

Allyl chloride

Concen: 19.15 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

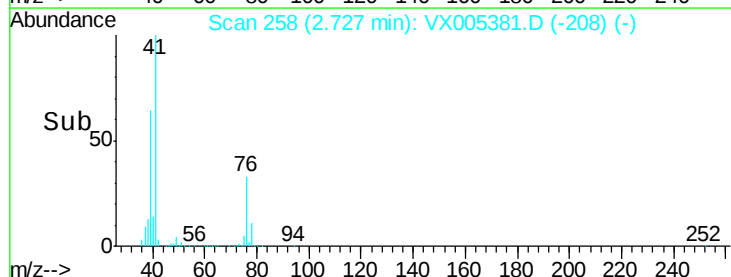
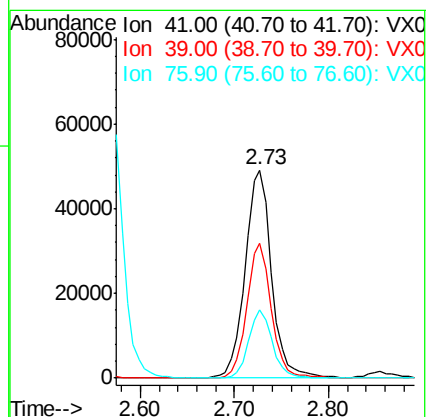
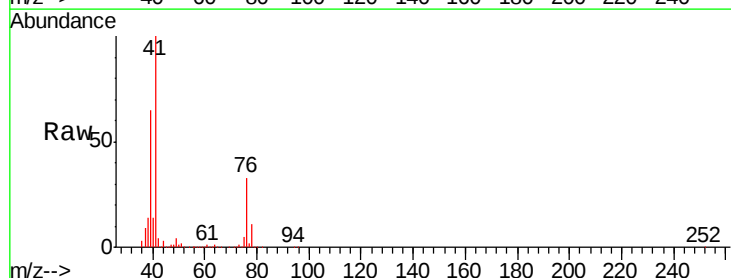
Tgt Ion: 41 Resp: 95567

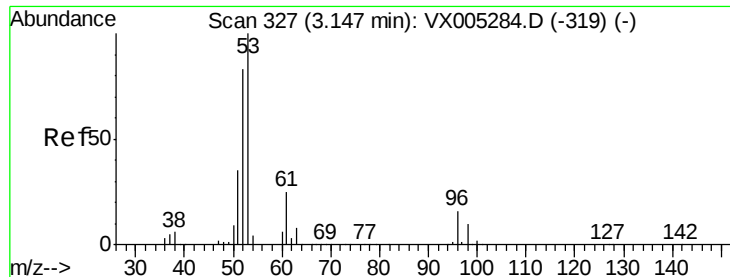
Ion Ratio Lower Upper

41 100

39 60.1 48.9 73.3

76 29.9 26.7 40.1





#15

Acrylonitrile

Concen: 96.55 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

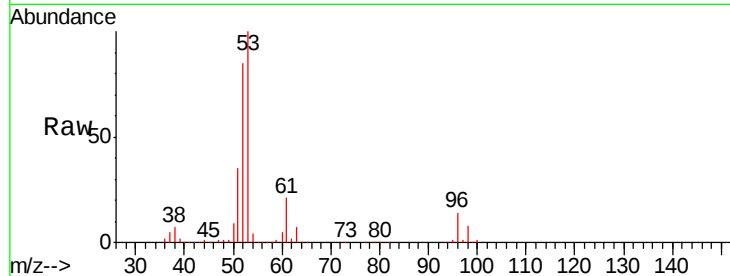
Tgt Ion: 53 Resp: 177752

Ion Ratio Lower Upper

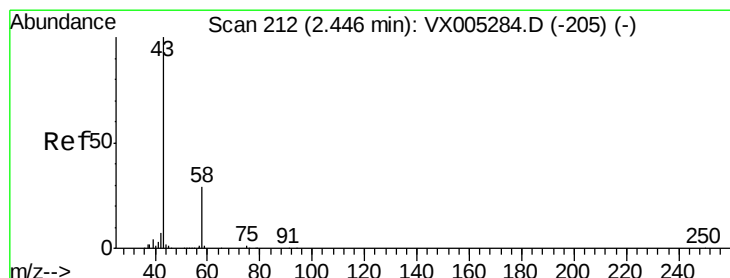
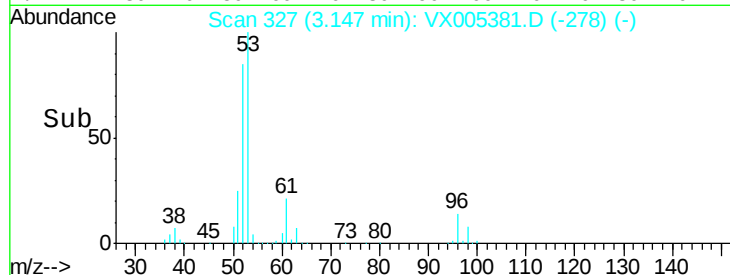
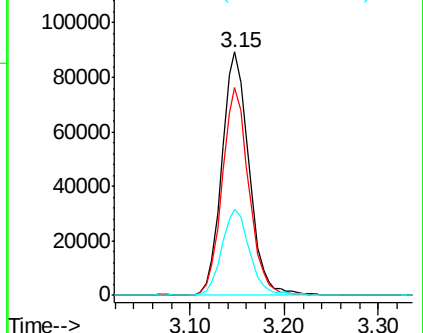
53 100

52 83.9 65.2 97.8

51 36.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 101.23 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005381.D

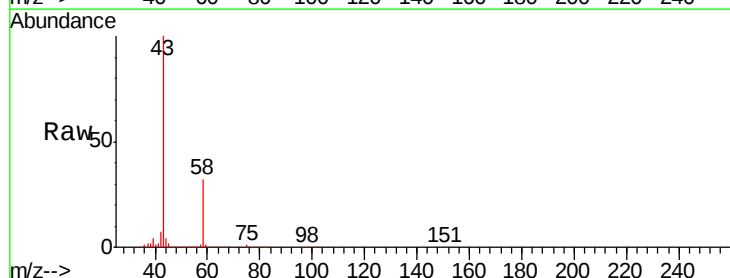
Acq: 17 Oct 2018 09:31

Tgt Ion: 43 Resp: 168584

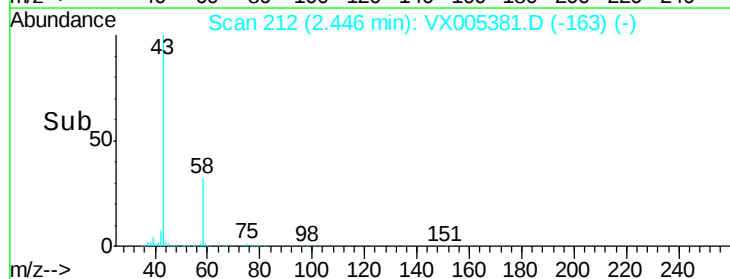
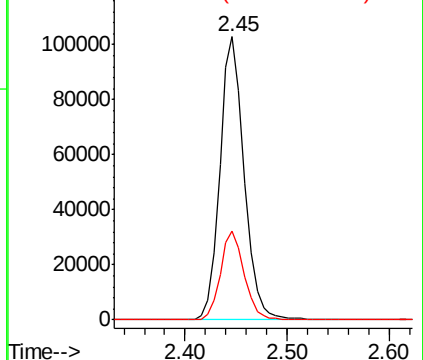
Ion Ratio Lower Upper

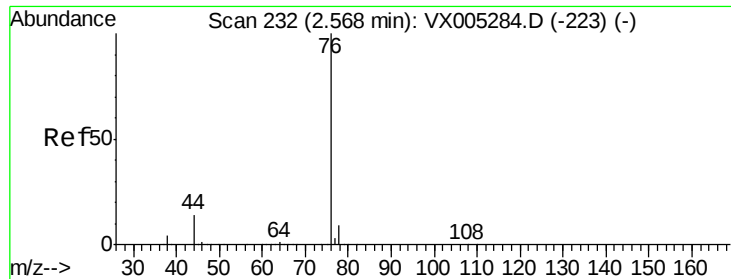
43 100

58 31.6 26.2 39.4



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





#17

Carbon Disulfide

Concen: 17.59 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

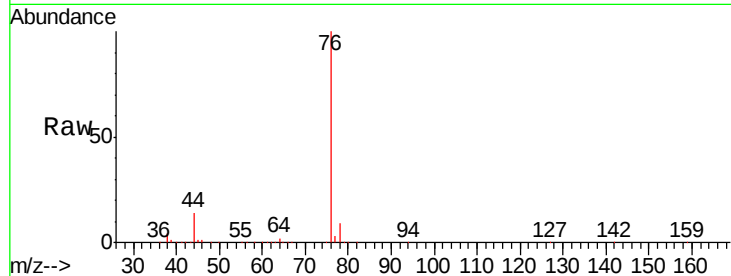
VX1017MBS01

Tgt Ion: 76 Resp: 121095

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

40000

20000

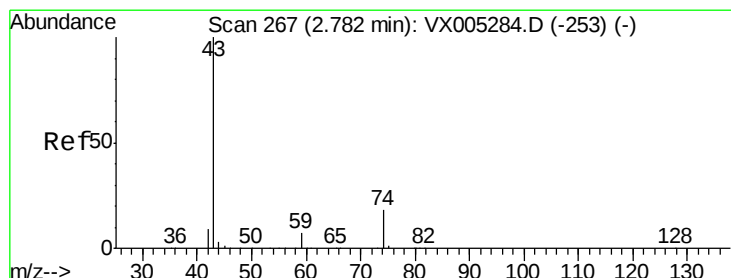
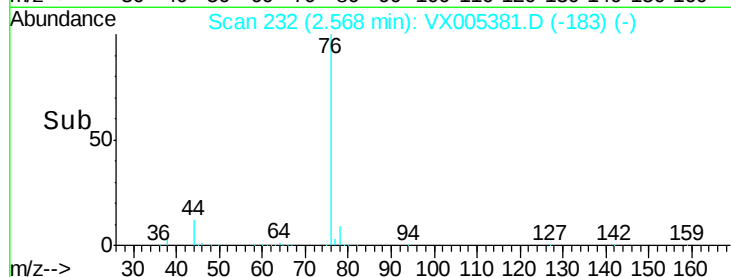
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 20.41 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005381.D

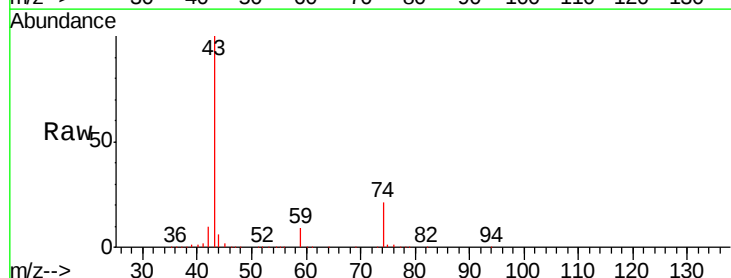
Acq: 17 Oct 2018 09:31

Tgt Ion: 43 Resp: 96714

Ion Ratio Lower Upper

43 100

74 22.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

50000

40000

30000

20000

10000

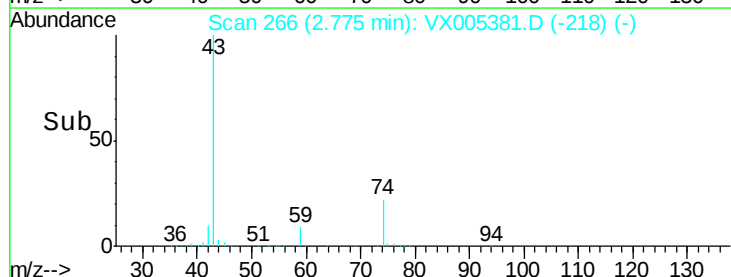
0

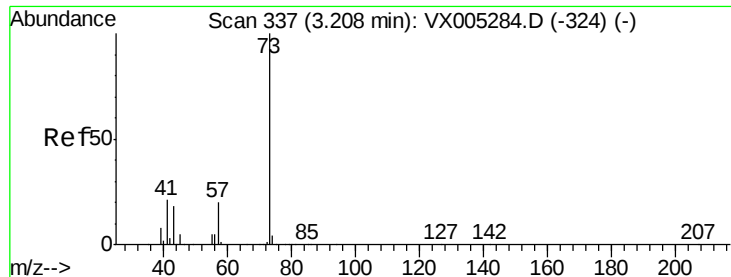
Time-->

2.70

2.80

2.90

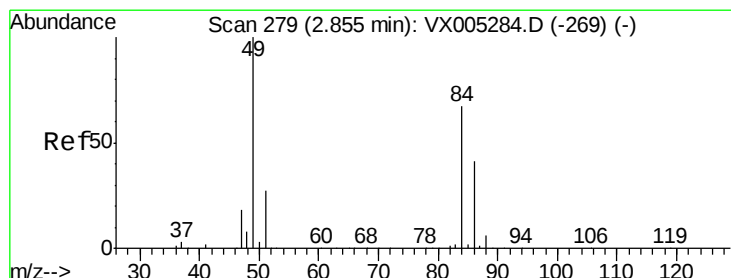
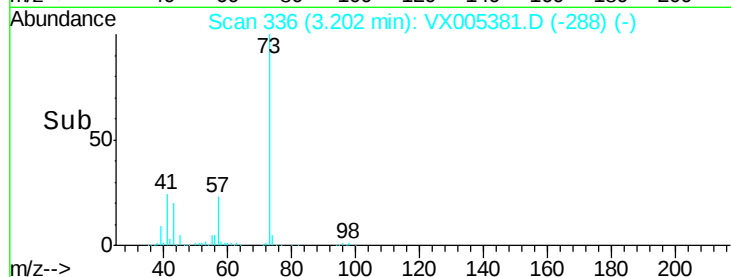
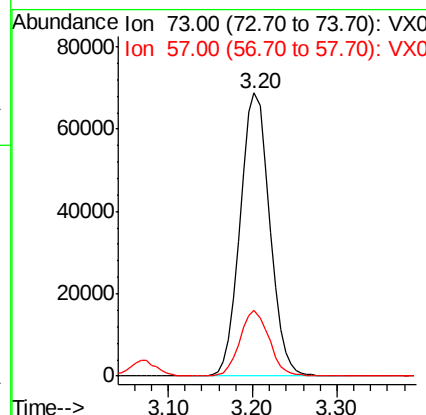
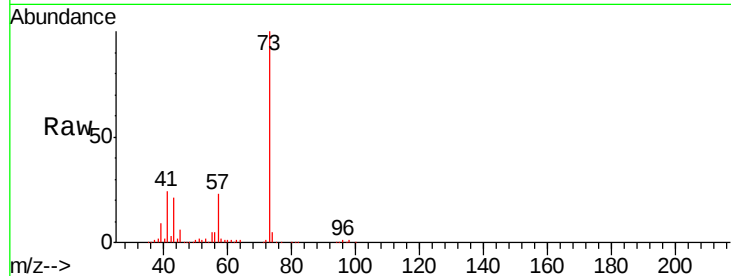




#19  
Methyl tert-butyl Ether  
Concen: 20.33 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.01 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

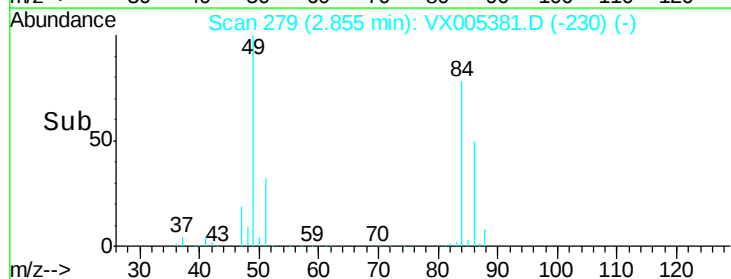
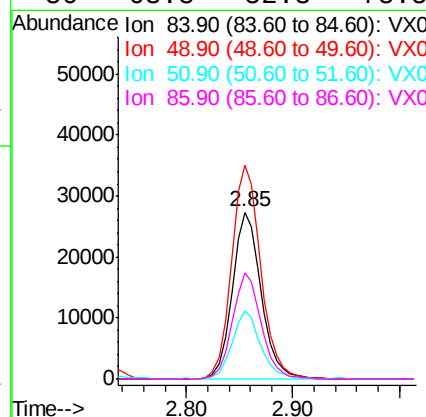
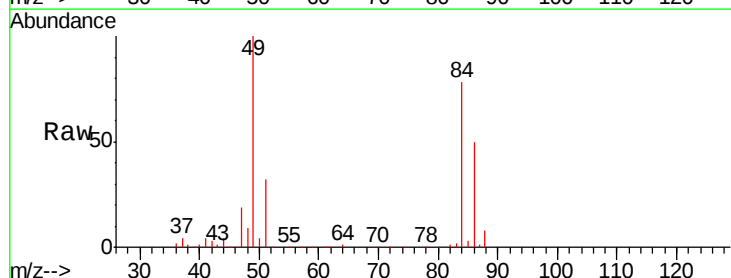
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

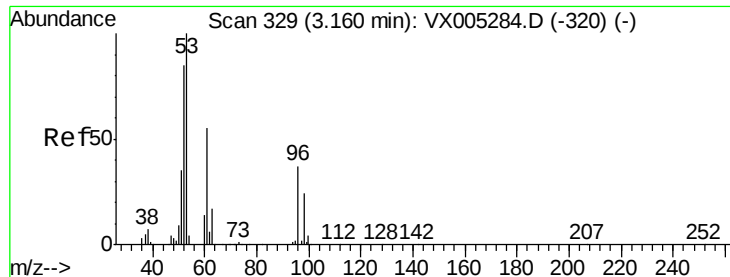
Tgt Ion: 73 Resp: 162774  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.1 25.7



#20  
Methylene Chloride  
Concen: 20.52 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion: 84 Resp: 51663  
Ion Ratio Lower Upper  
84 100  
49 127.9 101.2 151.8  
51 40.2 29.5 44.3  
86 63.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.99 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

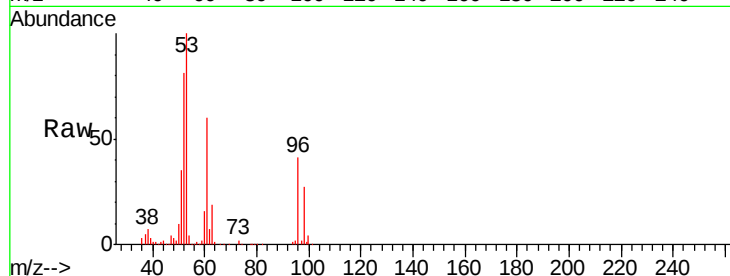
Tgt Ion: 96 Resp: 47826

Ion Ratio Lower Upper

96 100

61 145.2 113.8 170.6

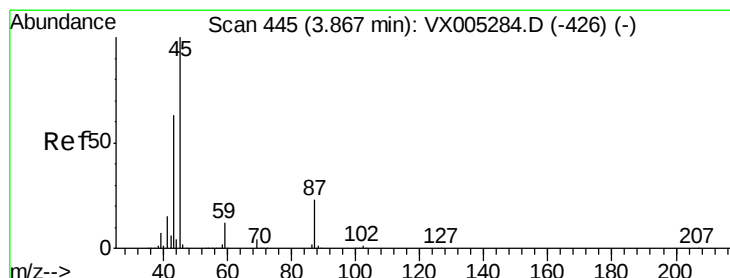
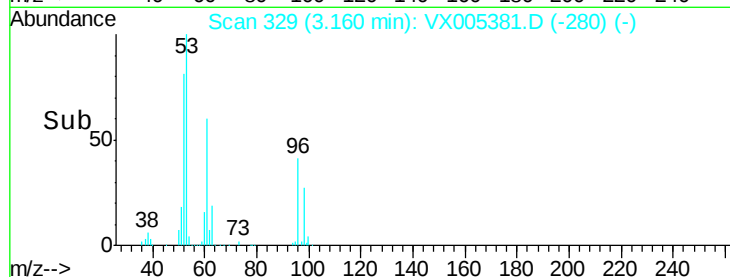
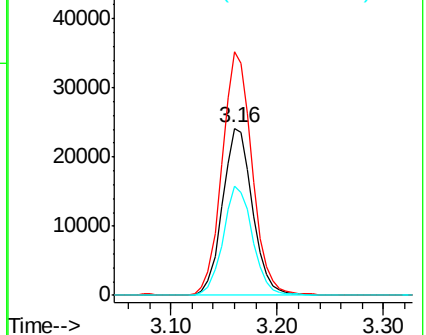
98 65.6 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.69 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion: 45 Resp: 156678

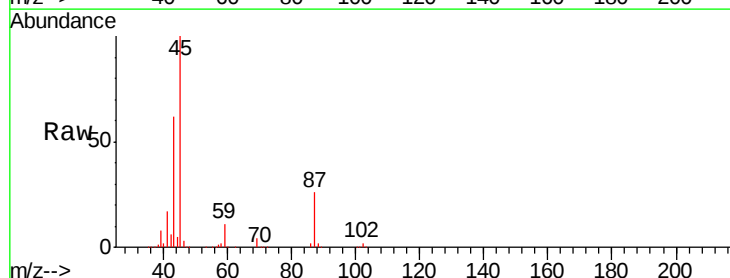
Ion Ratio Lower Upper

45 100

43 61.7 42.8 64.2

87 26.0 22.6 34.0

59 11.5 9.6 14.4

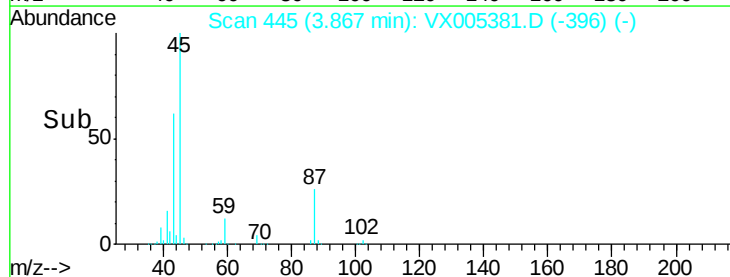
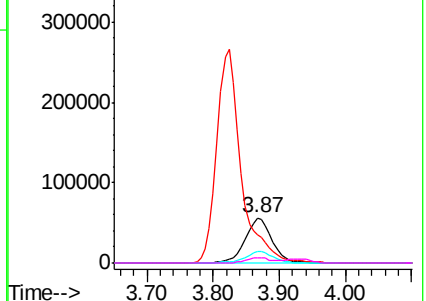


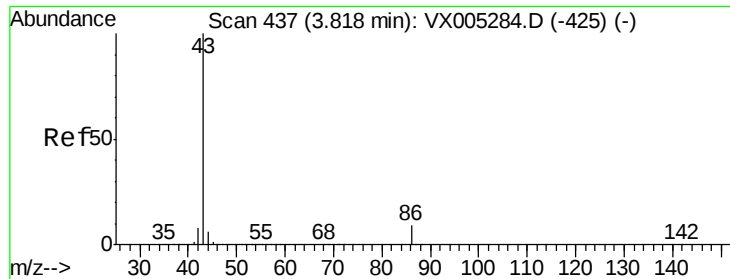
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 93.54 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

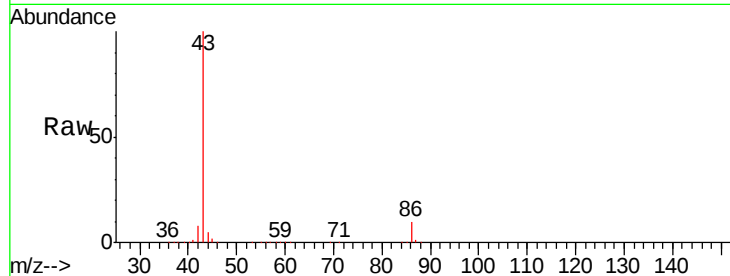
VX1017MBS01

Tgt Ion: 43 Resp: 685249

Ion Ratio Lower Upper

43 100

86 9.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

250000

200000

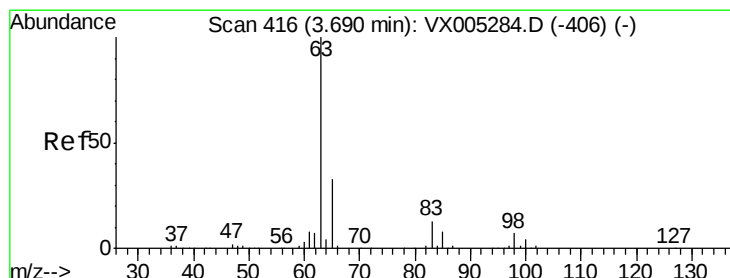
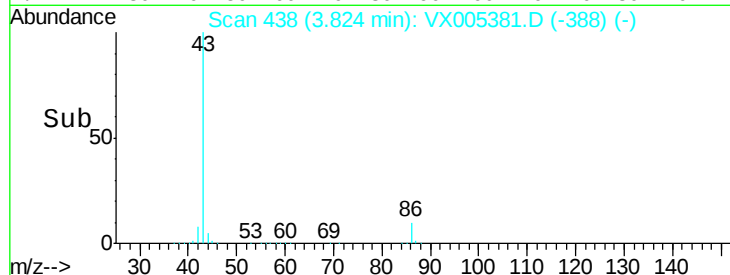
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 19.67 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

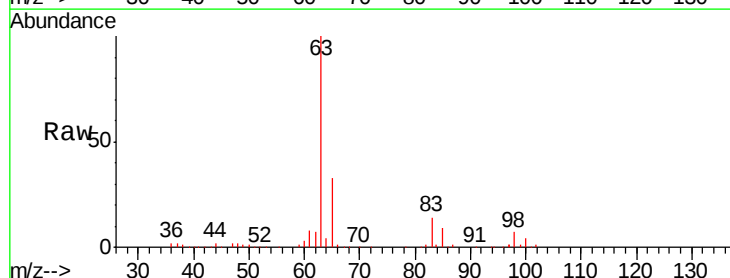
Tgt Ion: 63 Resp: 94475

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 3.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

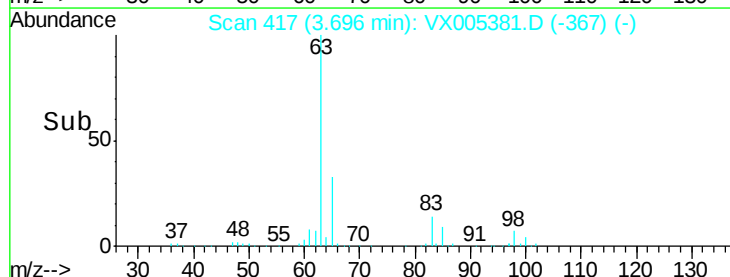
30000

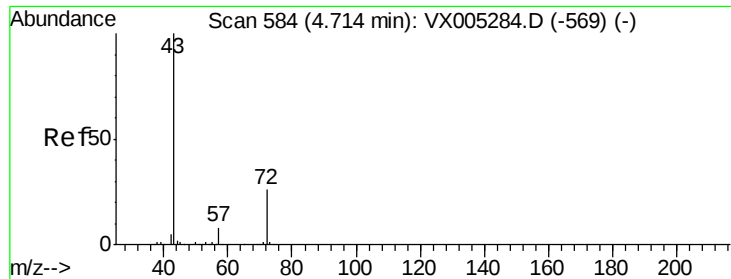
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 95.60 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

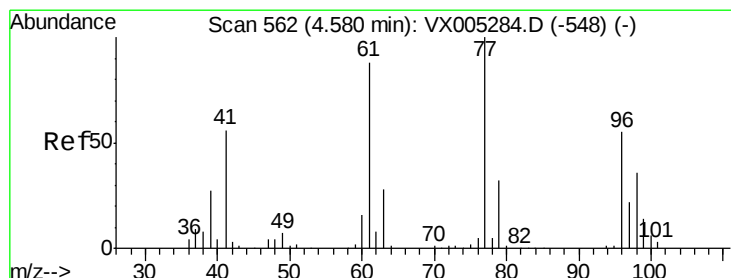
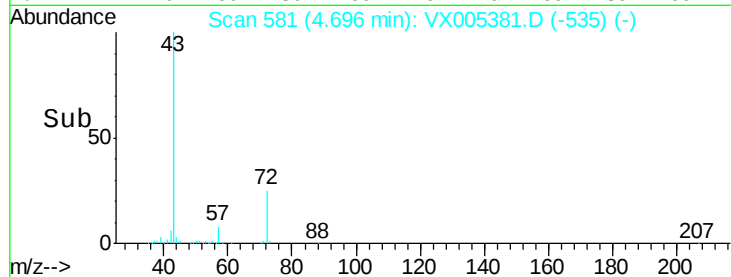
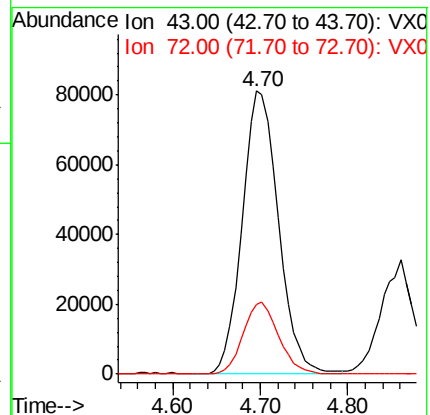
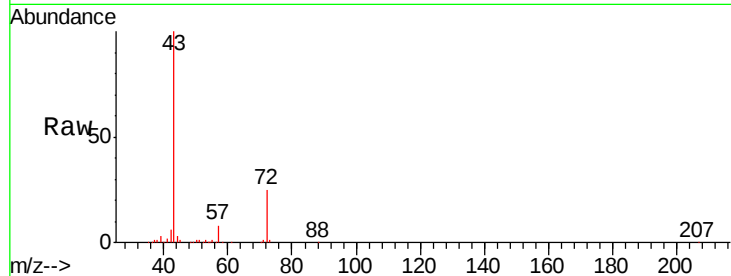
VX1017MBS01

Tgt Ion: 43 Resp: 232931

Ion Ratio Lower Upper

43 100

72 24.7 22.0 33.0



#26

2,2-Dichloropropane

Concen: 19.56 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005381.D

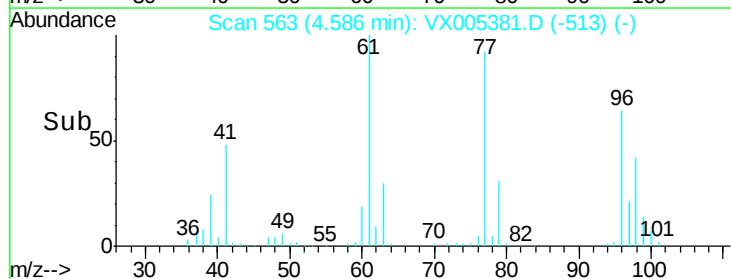
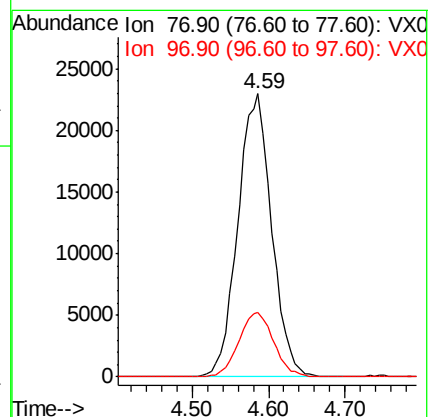
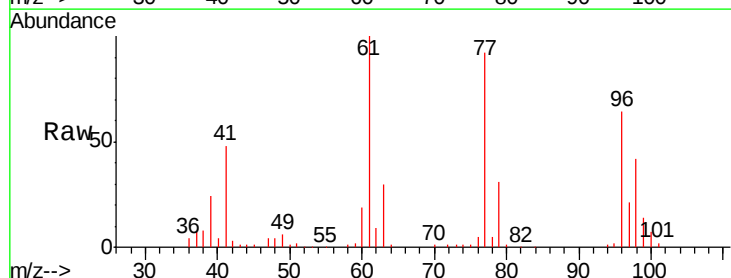
Acq: 17 Oct 2018 09:31

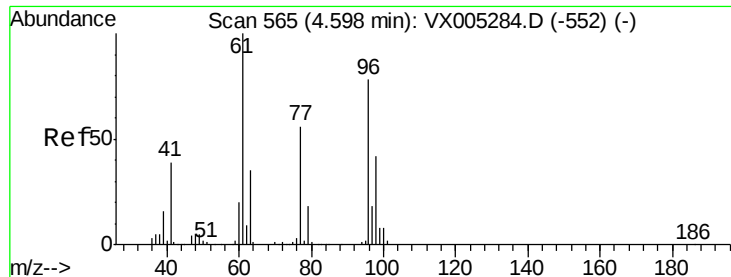
Tgt Ion: 77 Resp: 70285

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



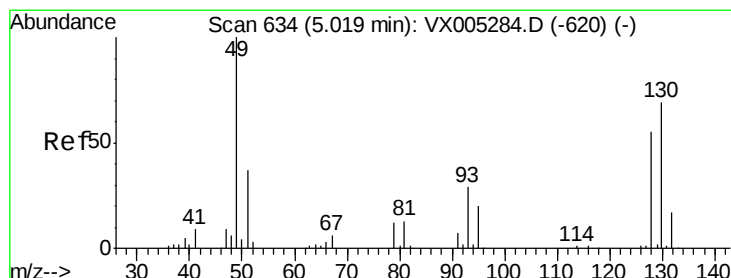
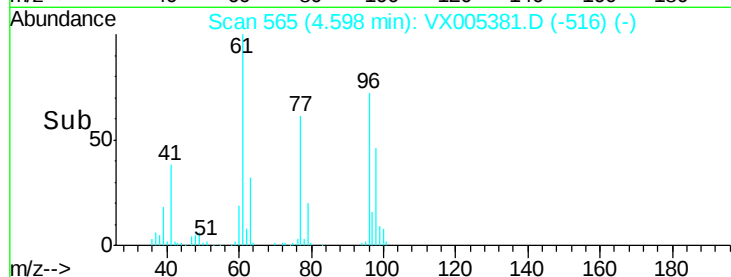
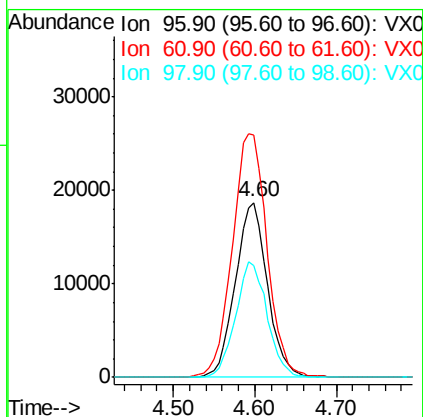
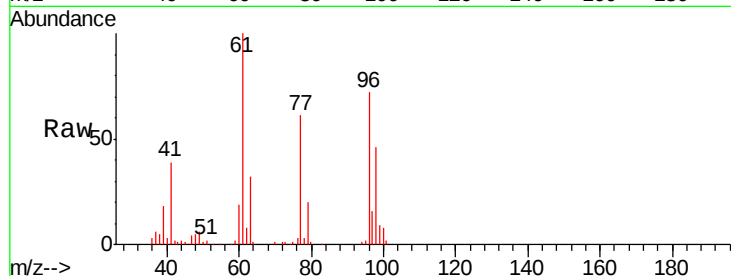


#27

cis-1,2-Dichloroethene  
Concen: 18.60 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

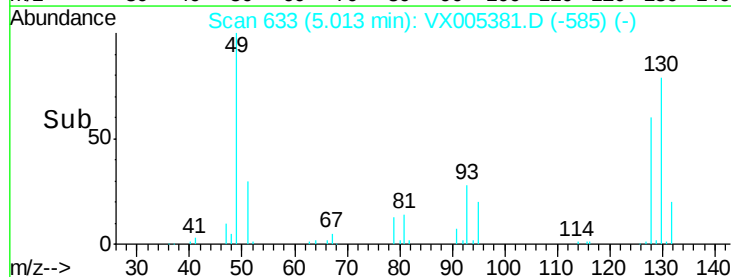
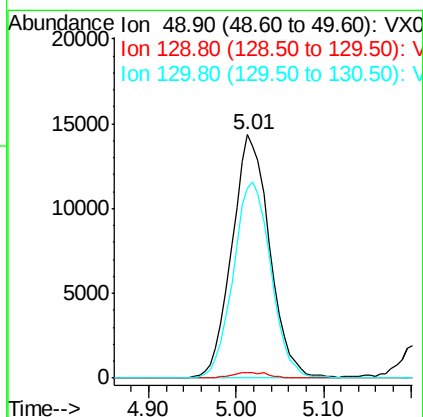
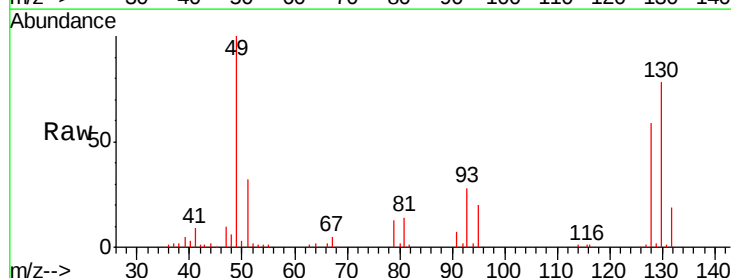
Tgt Ion: 96 Resp: 50905  
Ion Ratio Lower Upper  
96 100  
61 150.9 0.0 282.6  
98 65.0 0.0 130.2

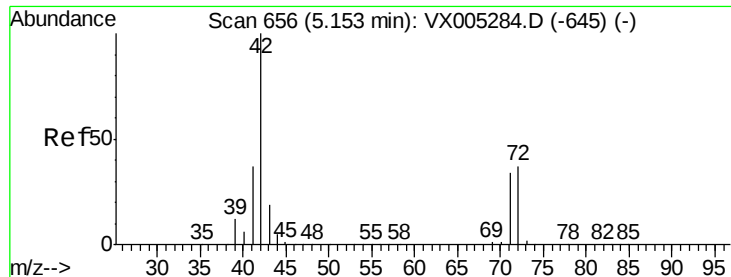


#28

Bromochloromethane  
Concen: 19.64 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion: 49 Resp: 43018  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.2  
130 80.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 94.37 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

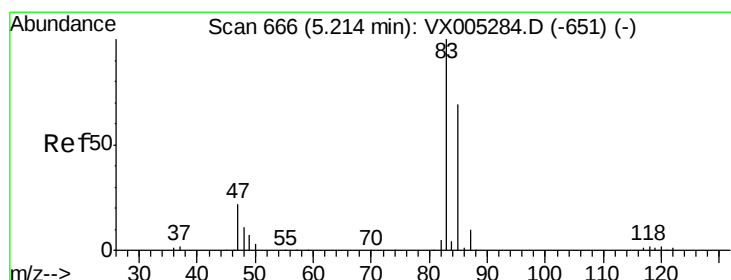
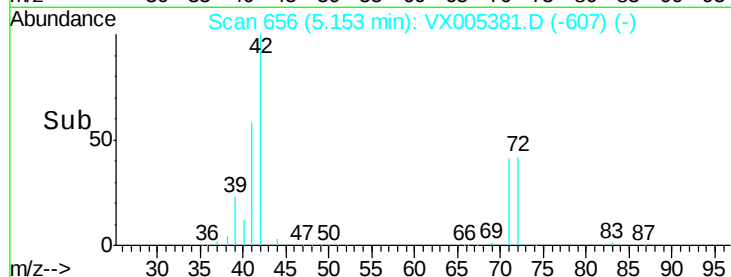
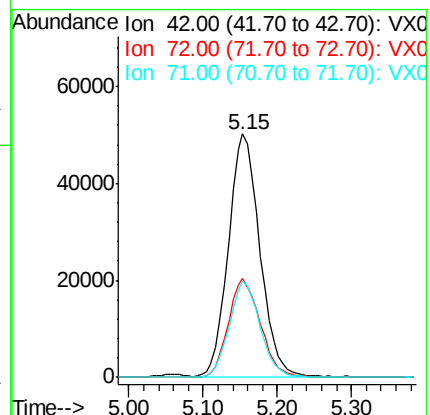
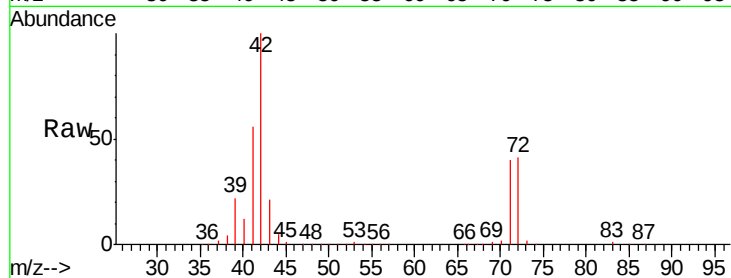
Tgt Ion: 42 Resp: 146667

Ion Ratio Lower Upper

42 100

72 41.8 37.4 56.0

71 39.2 34.5 51.7



#30

Chloroform

Concen: 19.69 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005381.D

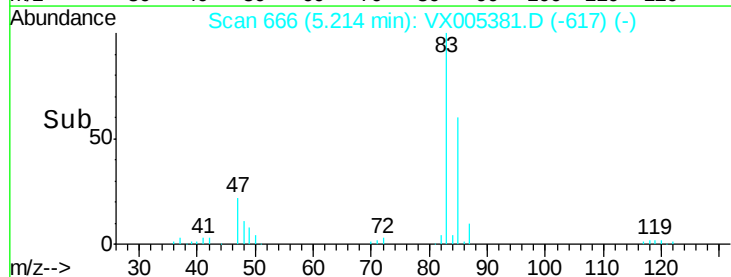
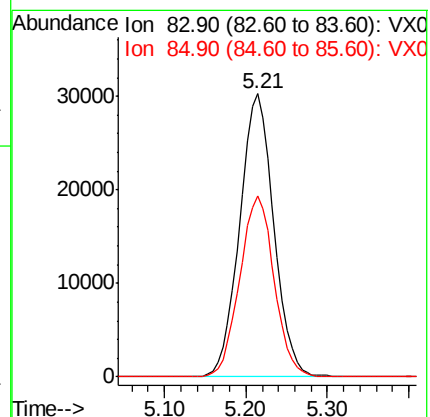
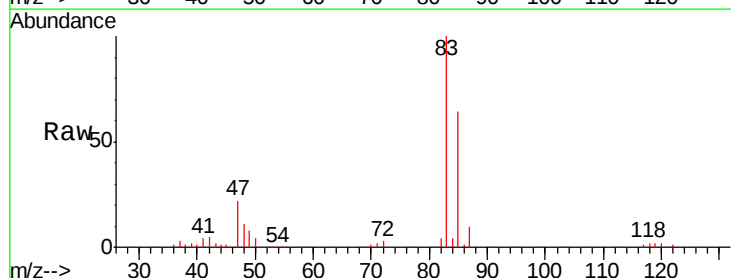
Acq: 17 Oct 2018 09:31

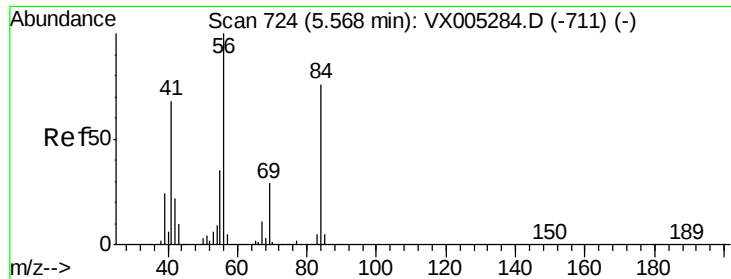
Tgt Ion: 83 Resp: 87777

Ion Ratio Lower Upper

83 100

85 64.1 52.6 79.0

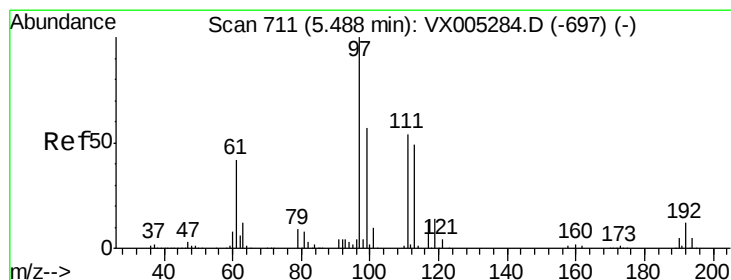
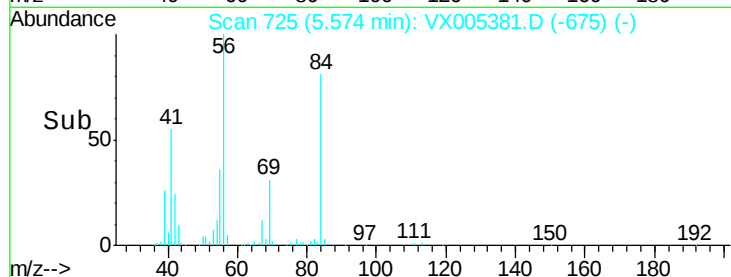
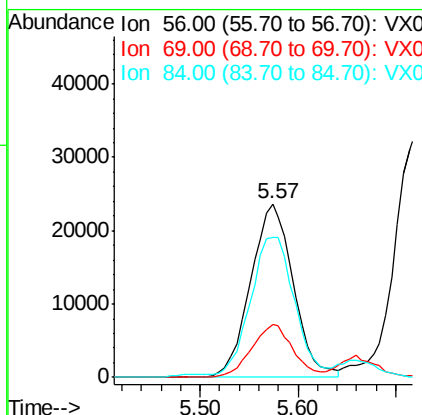
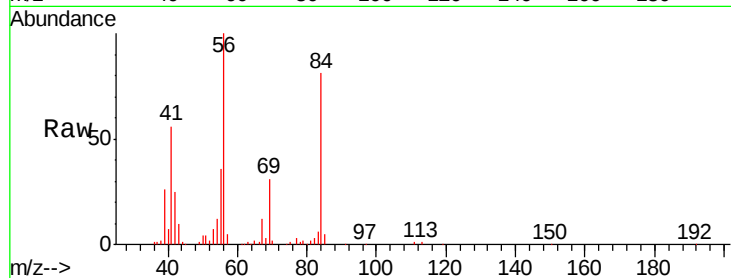




#31  
Cyclohexane  
Concen: 18.15 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.01 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

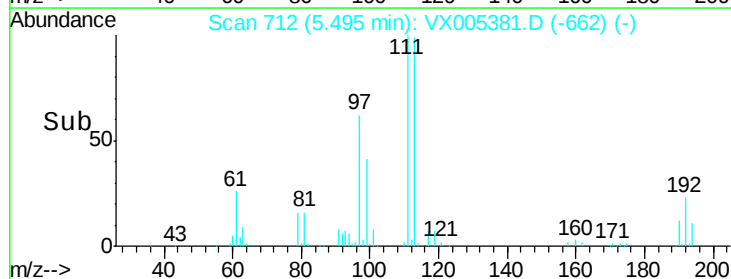
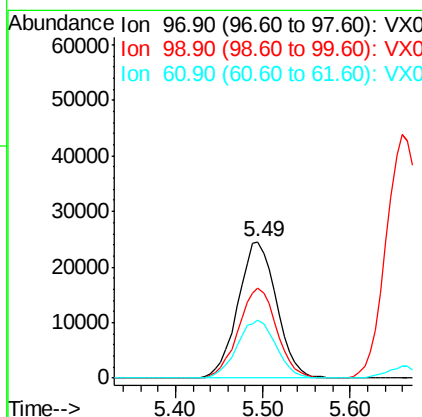
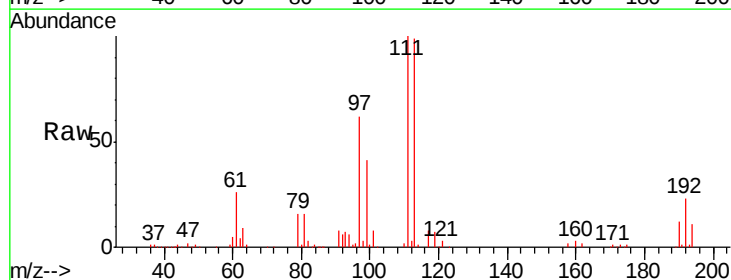
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

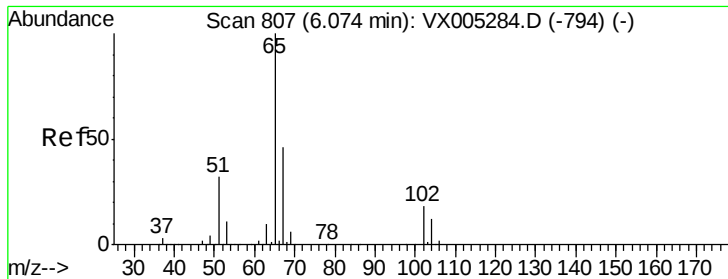
Tgt Ion: 56 Resp: 71844  
Ion Ratio Lower Upper  
56 100  
69 30.8 25.4 38.2  
84 79.3 71.4 107.2



#32  
1,1,1-Trichloroethane  
Concen: 19.38 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. 0.01 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion: 97 Resp: 75203  
Ion Ratio Lower Upper  
97 100  
99 65.3 52.0 78.0  
61 43.0 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 48.73 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

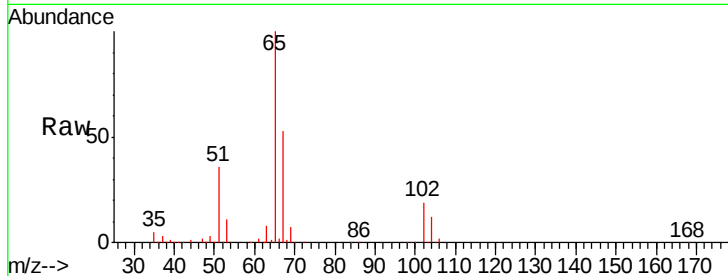
VX1017MBS01

Tgt Ion: 65 Resp: 140340

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

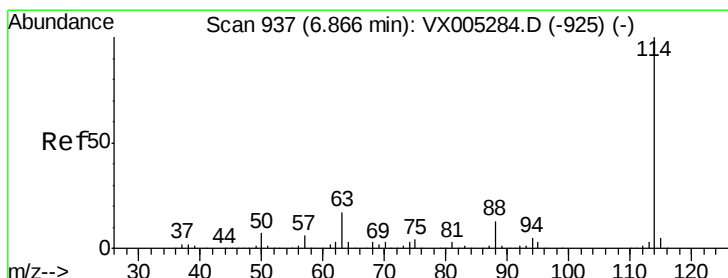
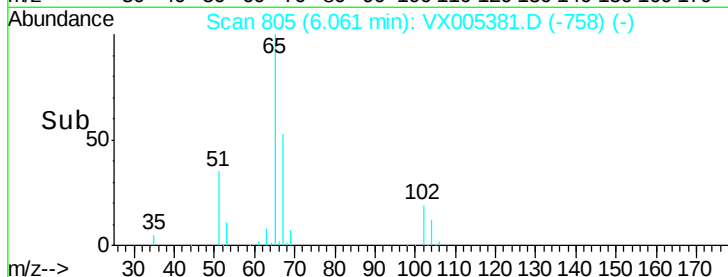
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

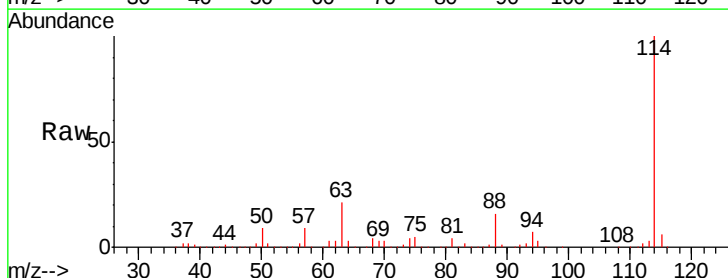
Tgt Ion: 114 Resp: 369436

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

88 15.8 0.0 30.4



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

6.86

200000

150000

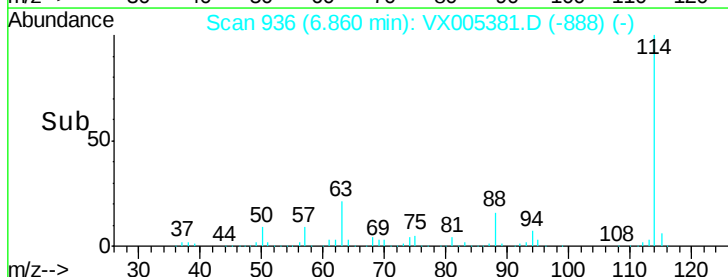
100000

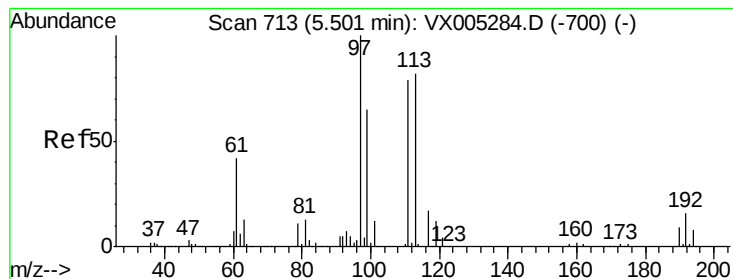
50000

0

6.80 7.00 7.20

Time-->





#35

Dibromofluoromethane

Concen: 47.54 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

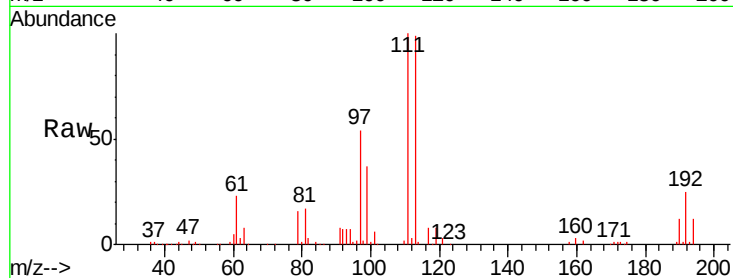
Tgt Ion:113 Resp: 116328

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

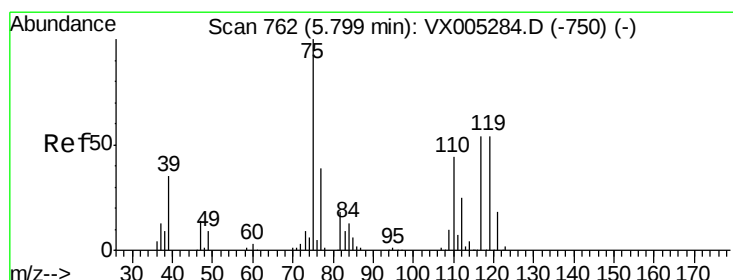
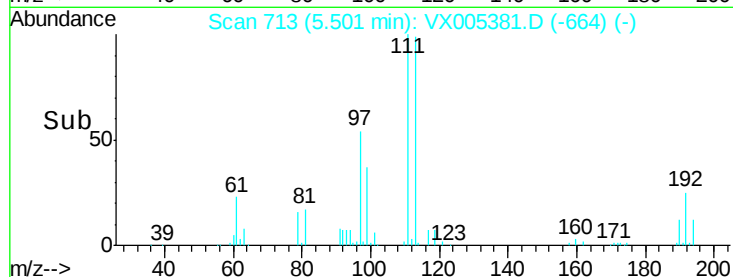
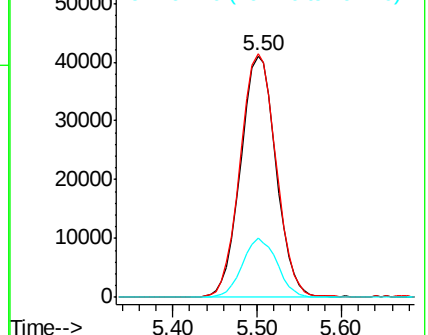
192 24.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.42 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

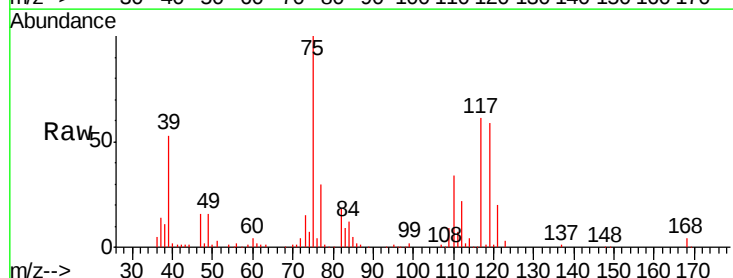
Tgt Ion: 75 Resp: 62334

Ion Ratio Lower Upper

75 100

110 37.0 18.0 54.0

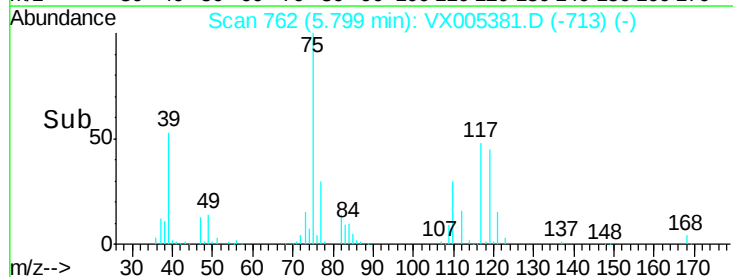
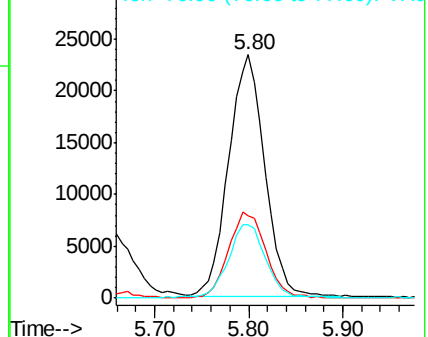
77 30.5 24.6 36.8

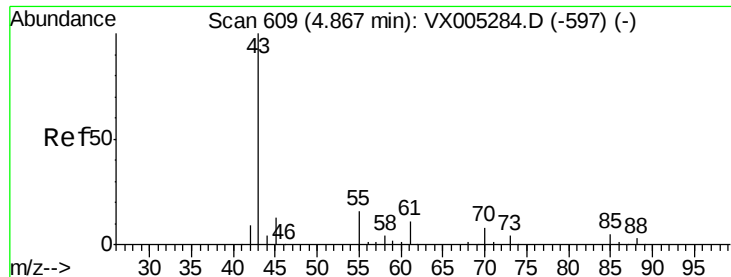


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.77 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

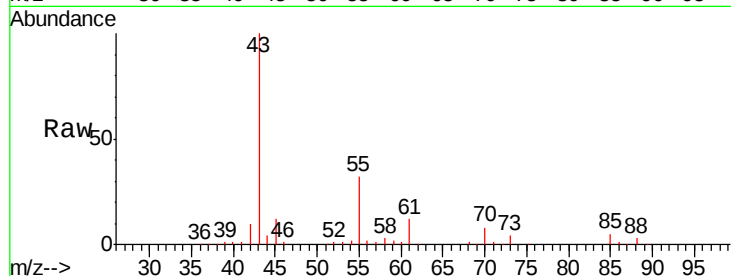
Tgt Ion: 43 Resp: 86381

Ion Ratio Lower Upper

43 100

61 13.7 11.5 17.3

70 9.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX005381.D (-560) (-)

80000

Ion 60.90 (60.60 to 61.60): VX005381.D (-560) (-)

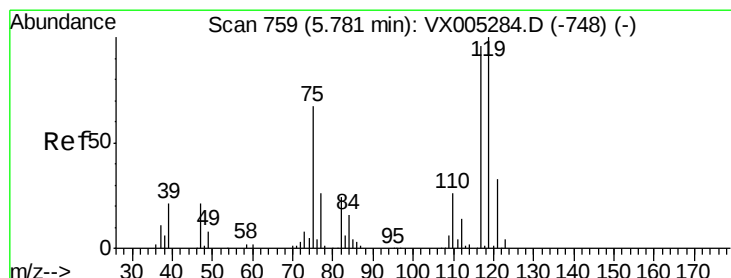
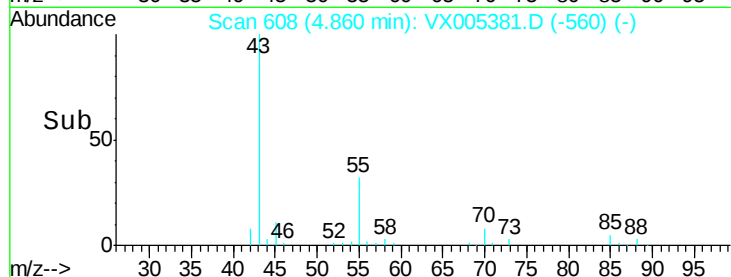
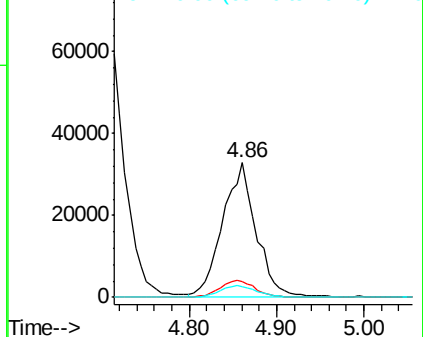
60000

Ion 70.00 (69.70 to 70.70): VX005381.D (-560) (-)

40000

20000

0



#38

Carbon Tetrachloride

Concen: 18.32 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

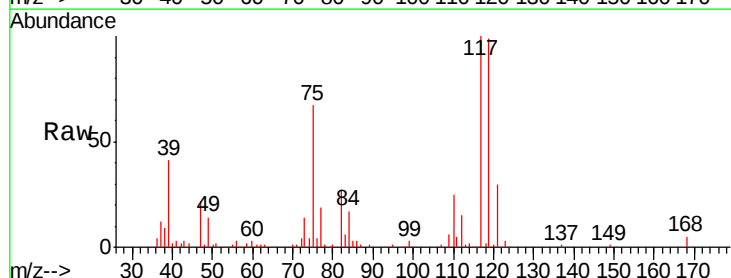
Tgt Ion: 117 Resp: 65847

Ion Ratio Lower Upper

117 100

119 99.0 78.8 118.2

121 29.7 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): VX005381.D (-710) (-)

30000

Ion 118.80 (118.50 to 119.50): VX005381.D (-710) (-)

25000

Ion 120.80 (120.50 to 121.50): VX005381.D (-710) (-)

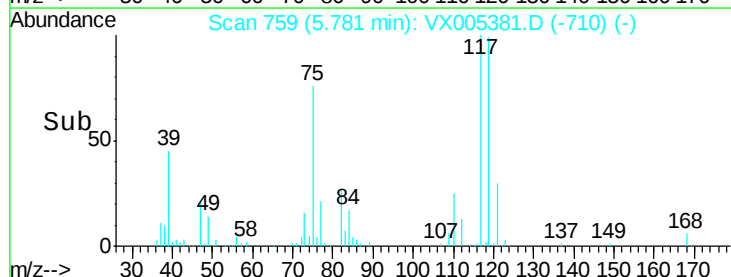
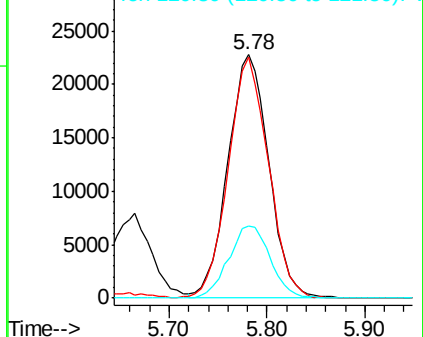
20000

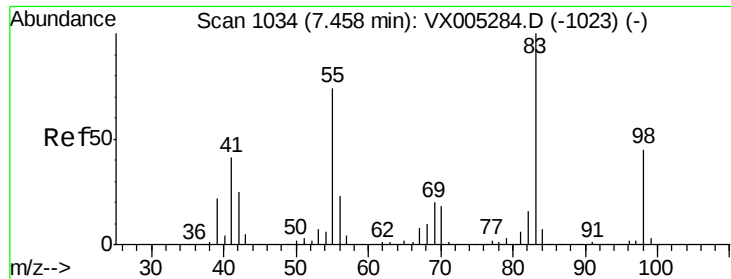
15000

10000

5000

0

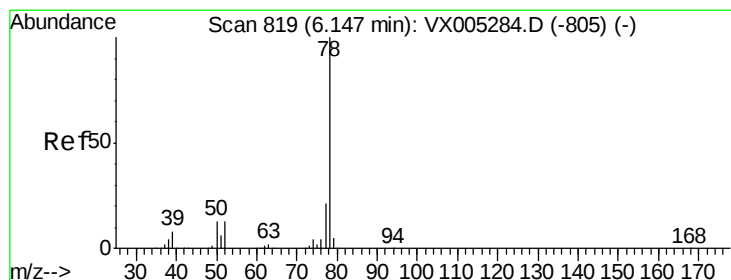
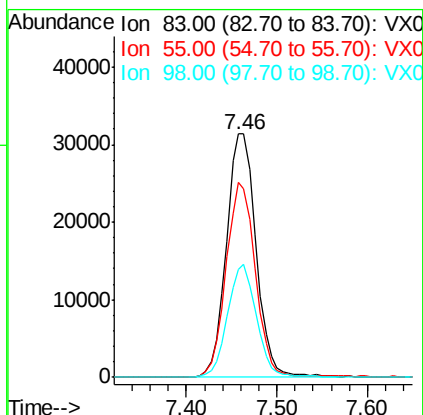
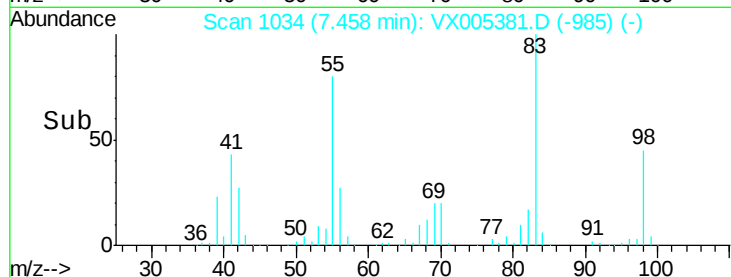
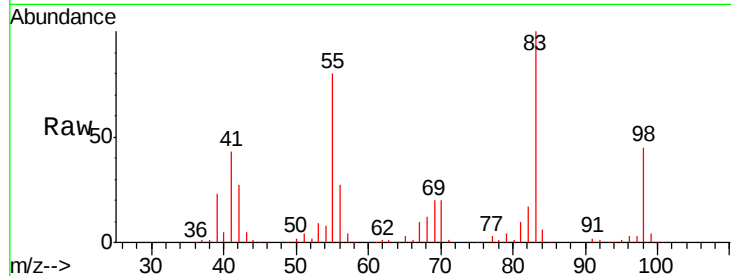




#39  
Methylcyclohexane  
Concen: 18.46 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

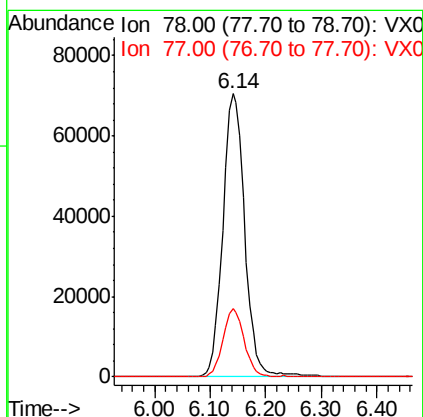
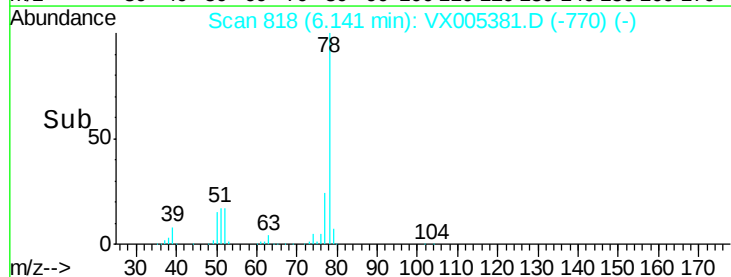
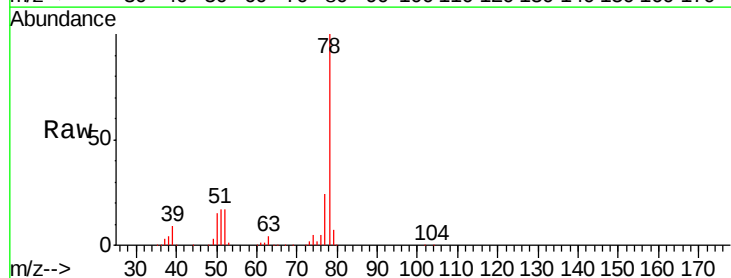
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

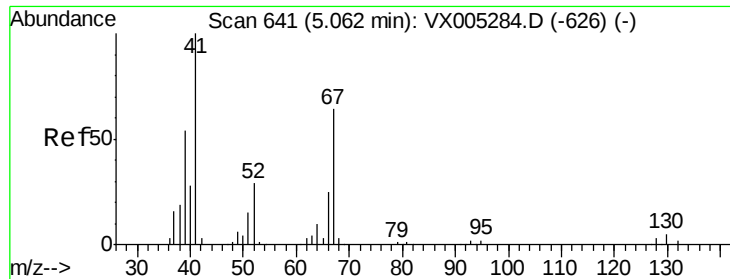
Tgt Ion: 83 Resp: 71503  
Ion Ratio Lower Upper  
83 100  
55 80.1 61.0 91.4  
98 44.6 39.6 59.4



#40  
Benzene  
Concen: 17.91 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion: 78 Resp: 192211  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.4

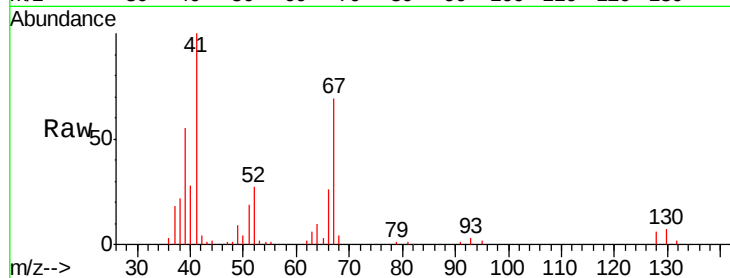




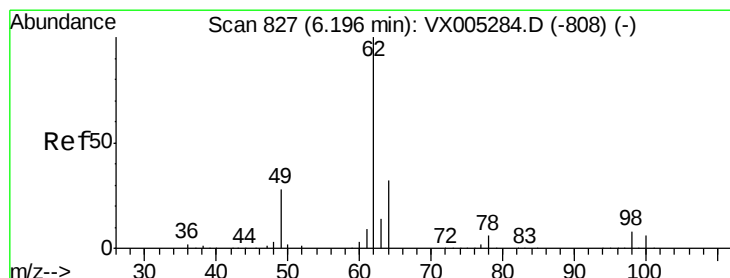
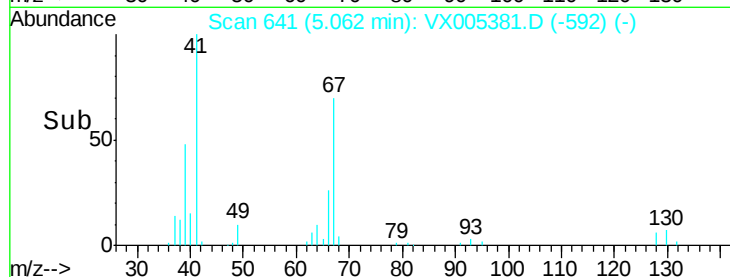
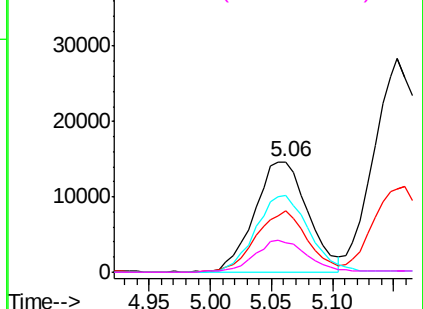
#41  
Methacrylonitrile  
Concen: 17.96 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 44300 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.0  | 42.4  | 63.6  |
| 67       | 70.8  | 59.2  | 88.8  |
| 52       | 29.3  | 23.0  | 34.4  |

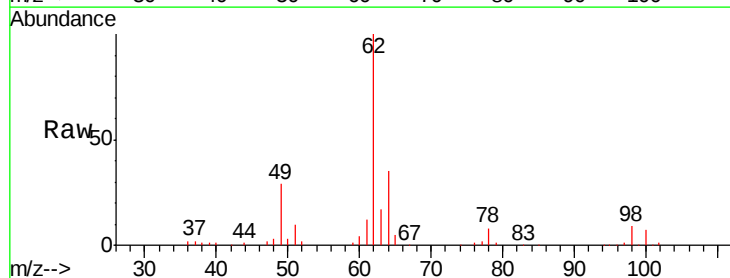


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

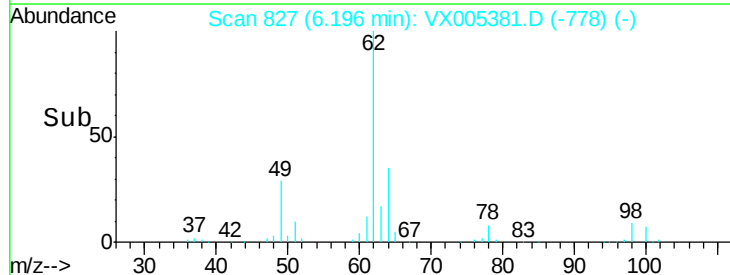
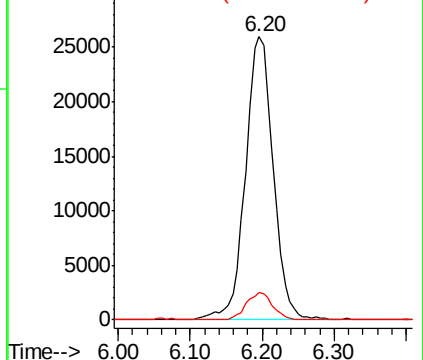


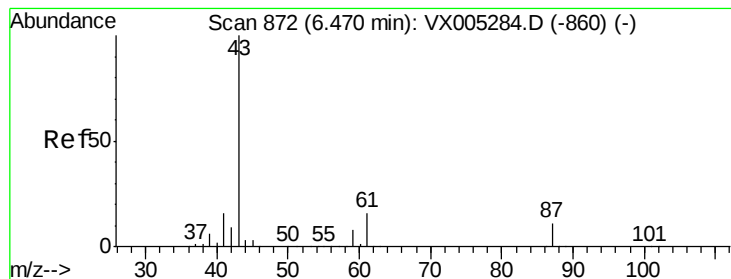
#42  
1,2-Dichloroethane  
Concen: 18.37 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 69626 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 20.6  |



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





#43

Isopropyl Acetate

Concen: 19.37 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

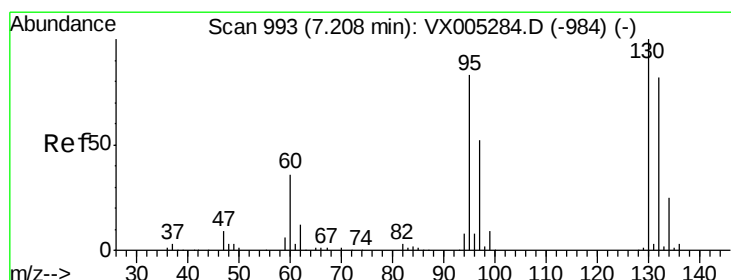
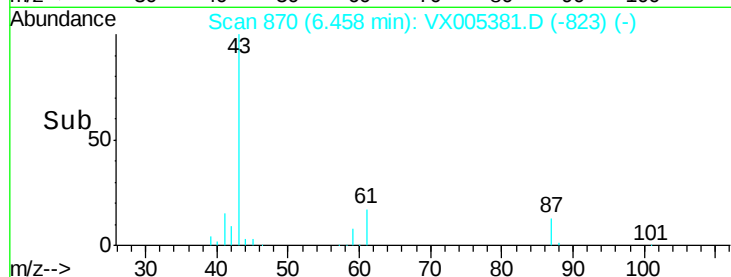
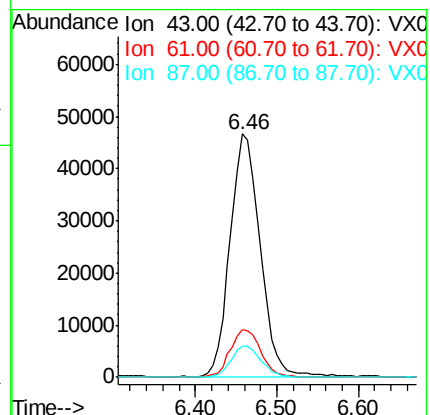
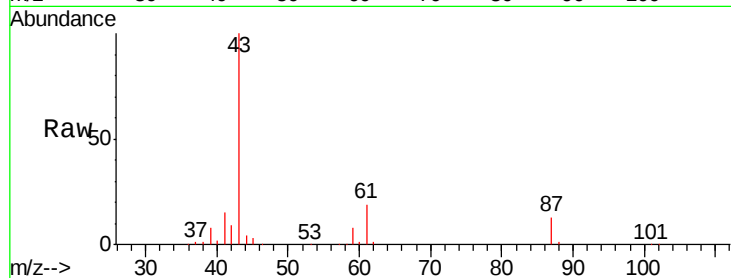
Tgt Ion: 43 Resp: 118723

Ion Ratio Lower Upper

43 100

61 20.1 17.0 25.4

87 13.2 11.4 17.2



#44

Trichloroethene

Concen: 19.23 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005381.D

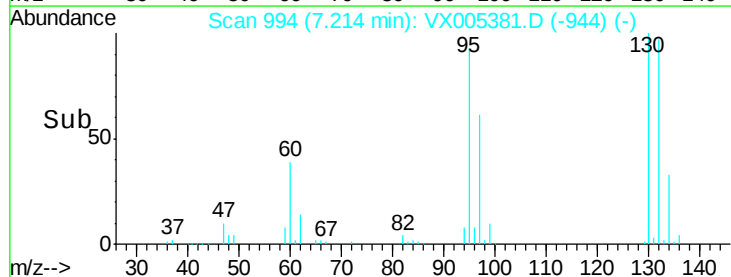
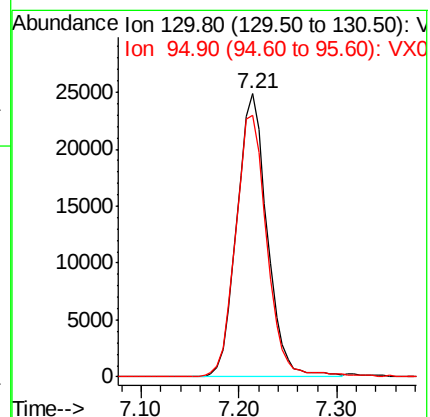
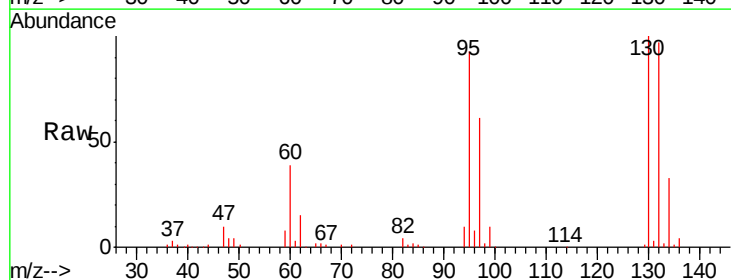
Acq: 17 Oct 2018 09:31

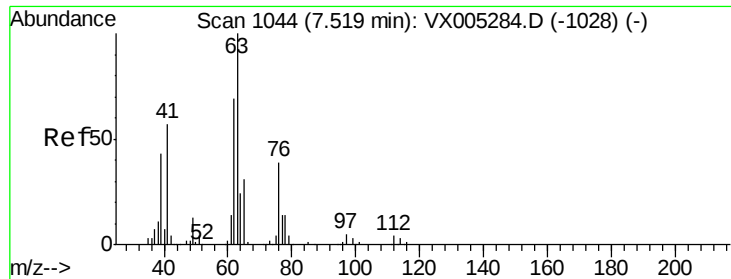
Tgt Ion: 130 Resp: 53755

Ion Ratio Lower Upper

130 100

95 92.5 0.0 181.6





#45

1,2-Dichloropropane

Concen: 19.57 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

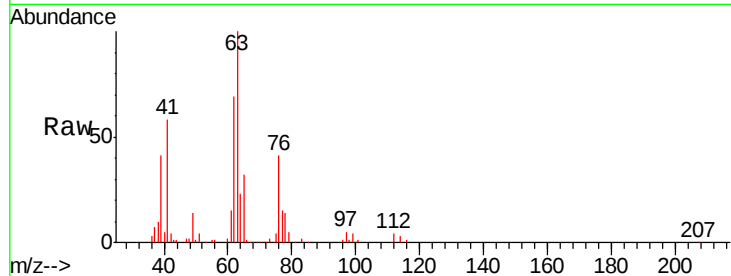
VX1017MBS01

Tgt Ion: 63 Resp: 51521

Ion Ratio Lower Upper

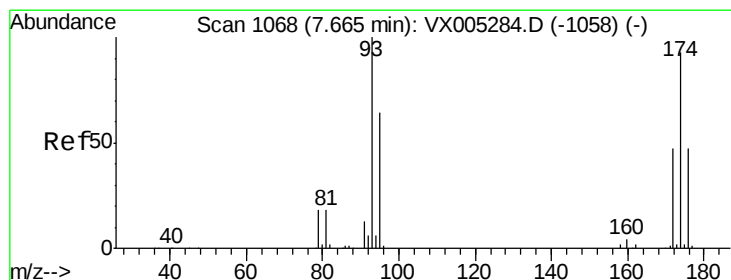
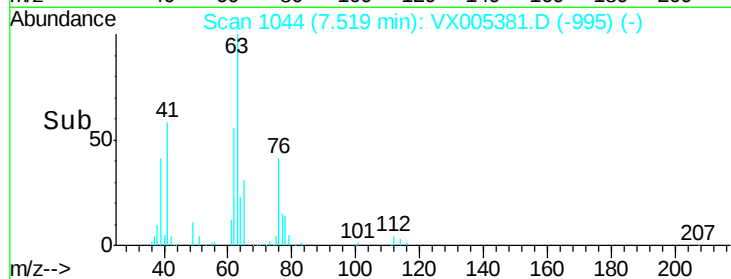
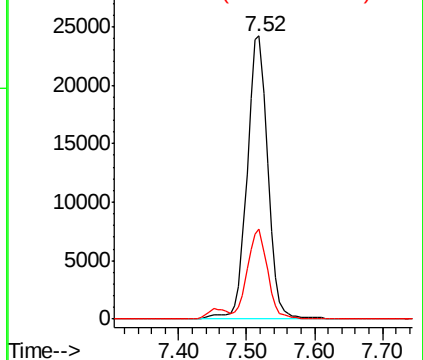
63 100

65 31.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.24 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

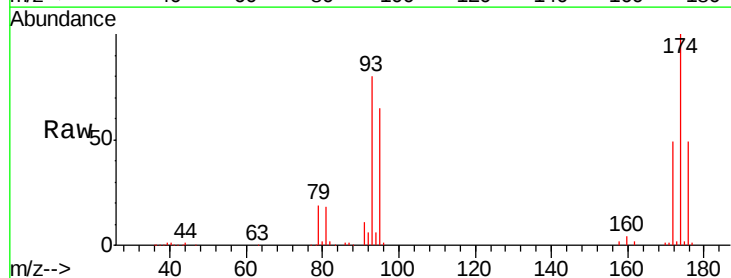
Tgt Ion: 93 Resp: 33437

Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

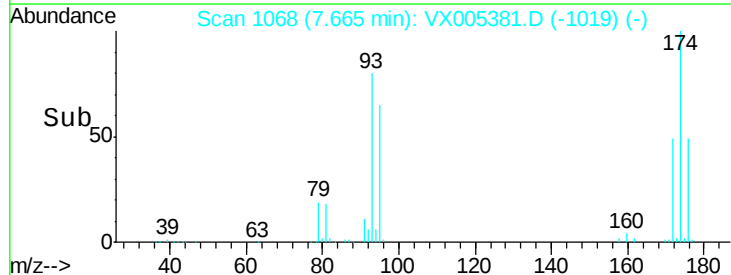
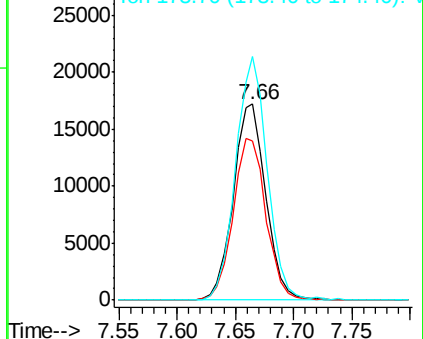
174 120.9 94.2 141.4

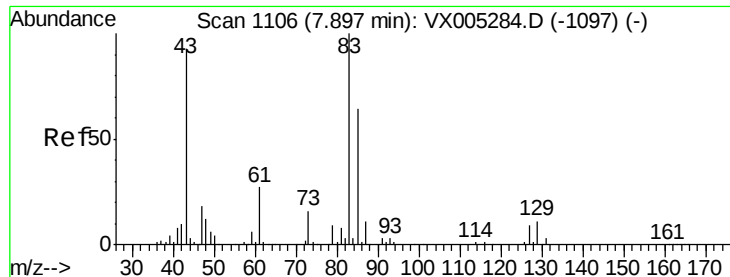


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.93 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

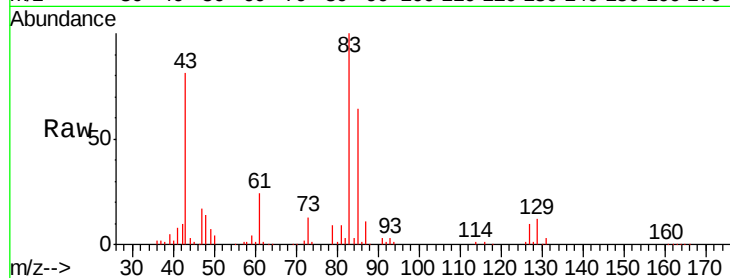
Tgt Ion: 83 Resp: 64074

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

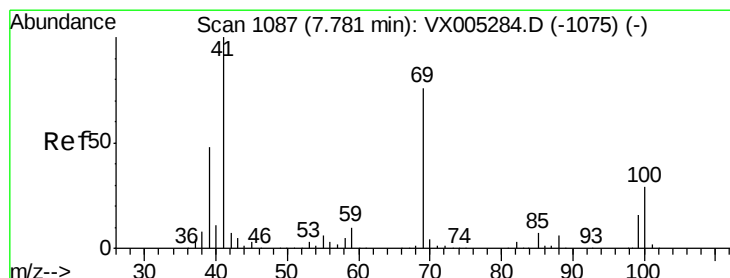
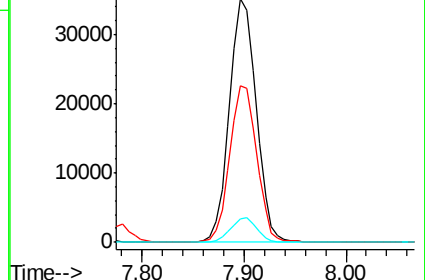
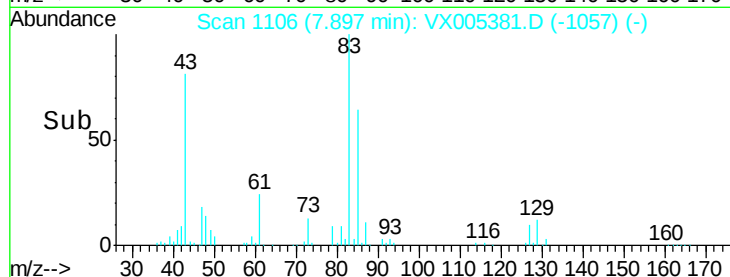
127 9.6 7.3 10.9



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: 19.16 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

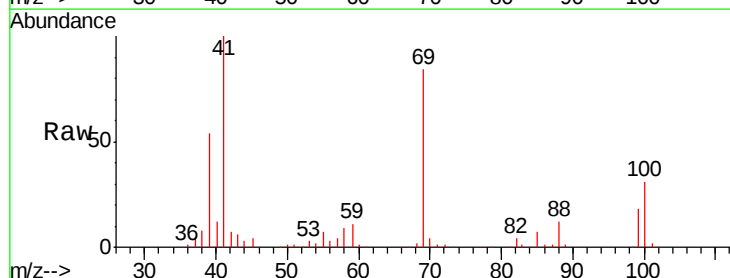
Tgt Ion: 41 Resp: 60925

Ion Ratio Lower Upper

41 100

69 82.9 70.2 105.4

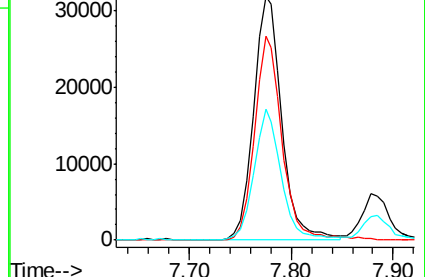
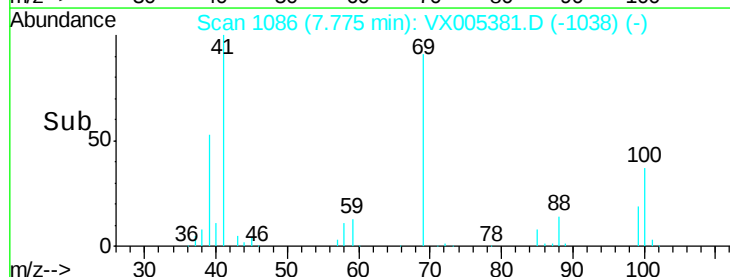
39 52.3 42.7 64.1

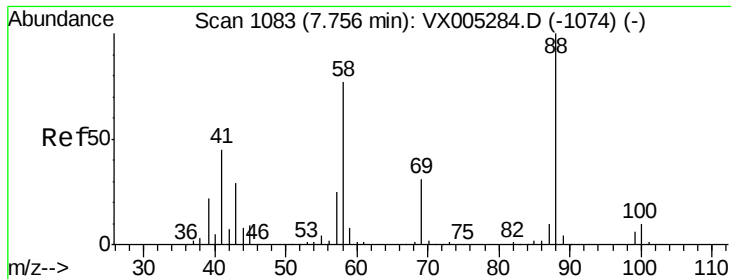


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 407.79 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

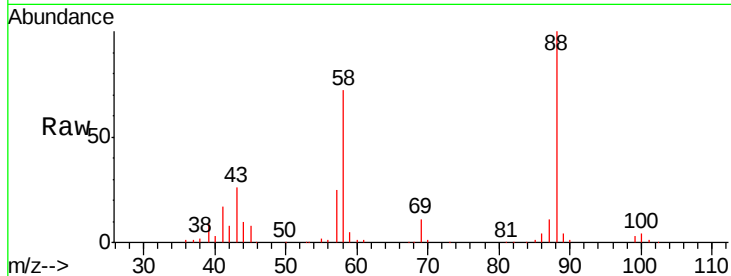
Tgt Ion: 88 Resp: 29901

Ion Ratio Lower Upper

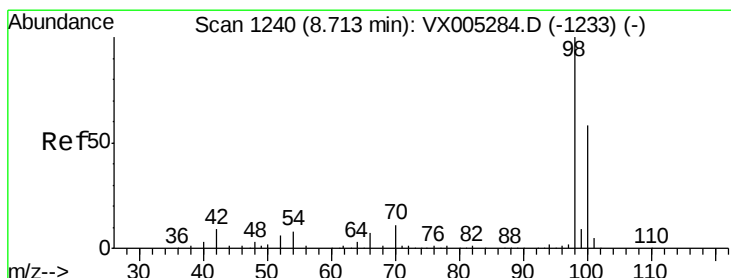
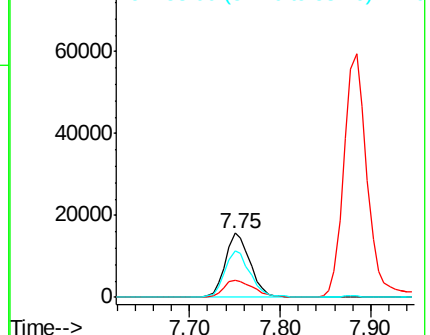
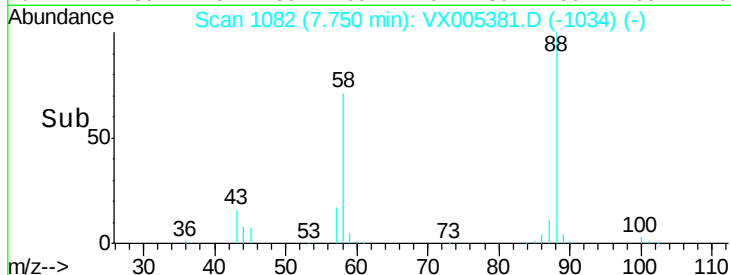
88 100

43 32.3 24.7 37.1

58 74.1 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX005381.D (-1034) (-)



#50

Toluene-d8

Concen: 52.45 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005381.D

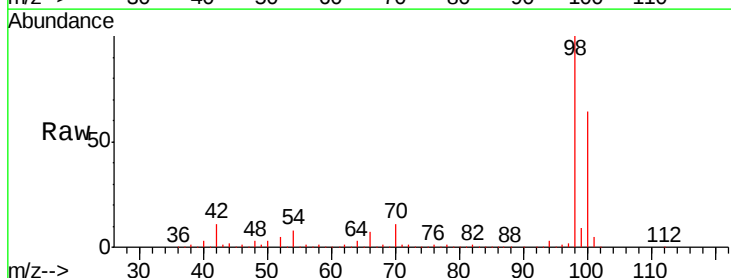
Acq: 17 Oct 2018 09:31

Tgt Ion: 98 Resp: 440573

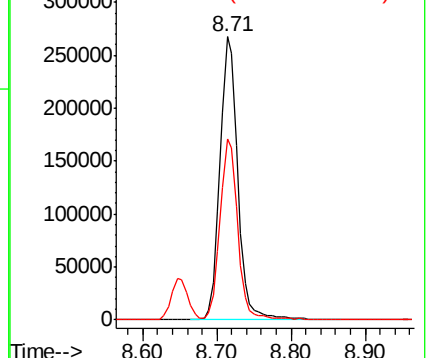
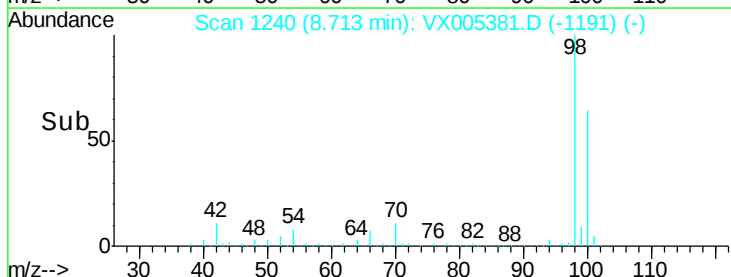
Ion Ratio Lower Upper

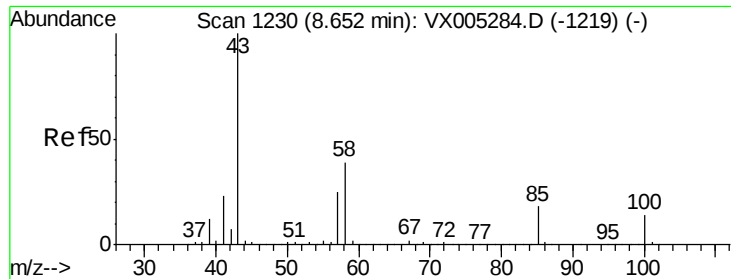
98 100

100 64.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX005381.D (-1191) (-)

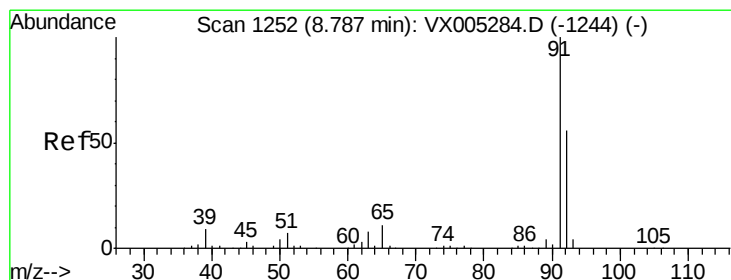
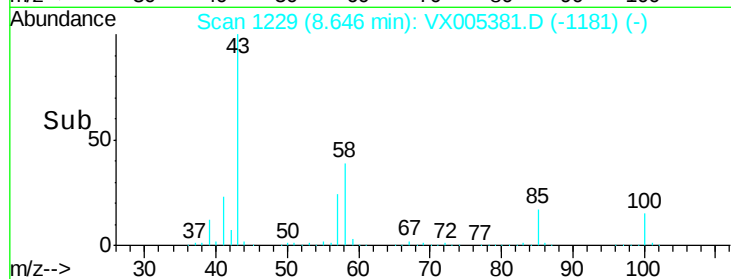
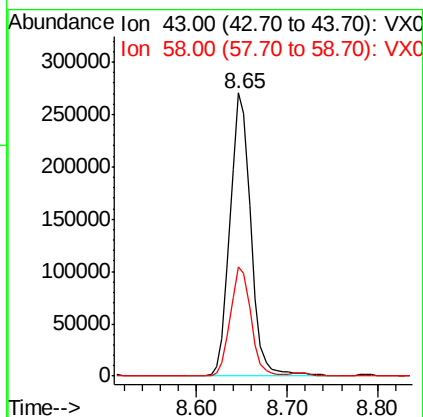
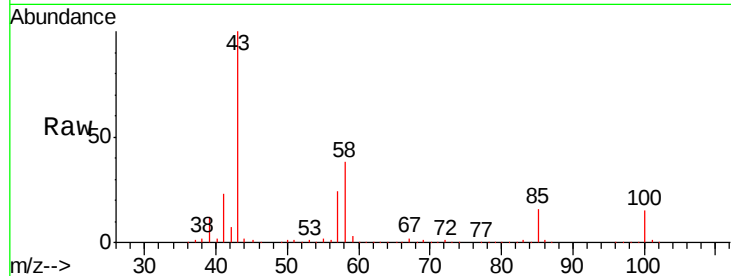




#51  
4-Methyl-2-Pentanone  
Concen: 101.85 ug/l  
RT: 8.65 min Scan# 1229  
Delta R.T. -0.01 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

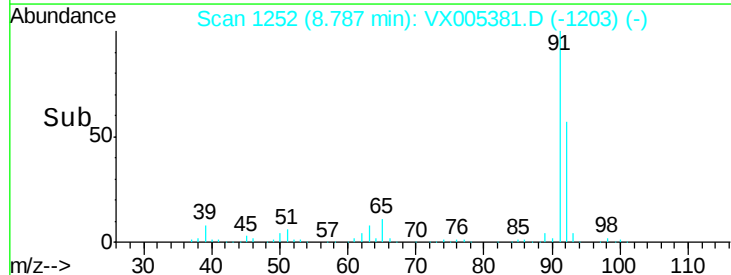
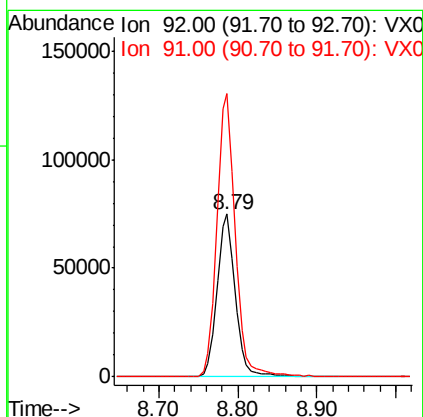
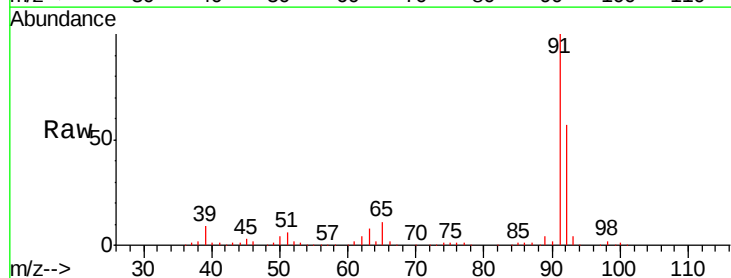
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

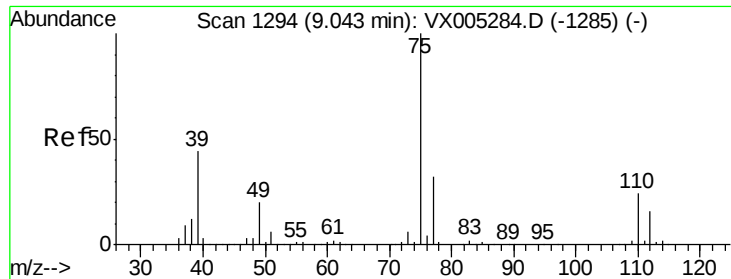
Tgt Ion: 43 Resp: 432271  
Ion Ratio Lower Upper  
43 100  
58 38.1 33.1 49.7



#52  
Toluene  
Concen: 20.71 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. -0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion: 92 Resp: 121634  
Ion Ratio Lower Upper  
92 100  
91 175.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.92 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampled :

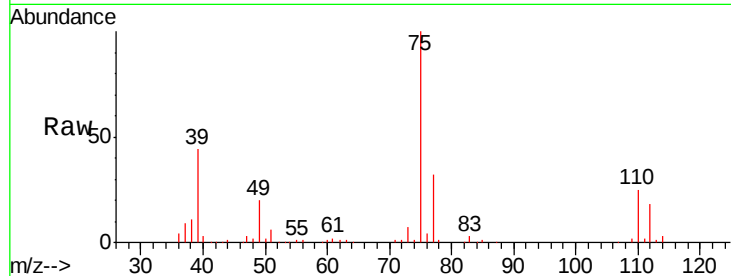
VX1017MBS01

Tgt Ion: 75 Resp: 69283

Ion Ratio Lower Upper

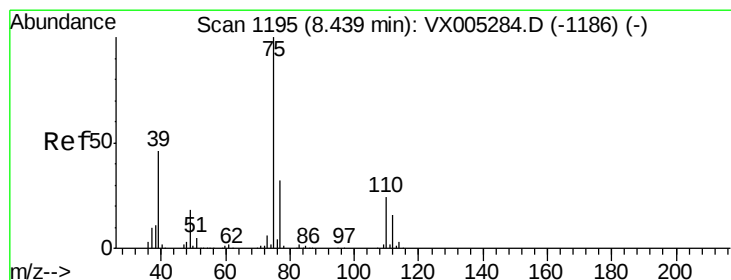
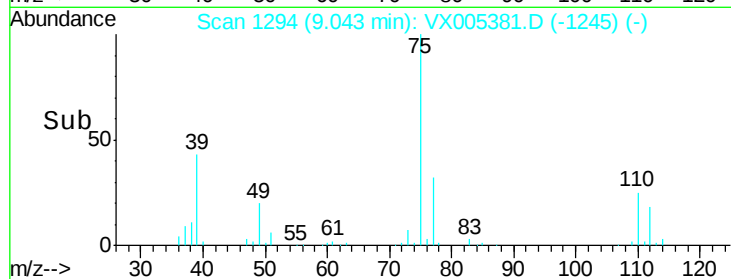
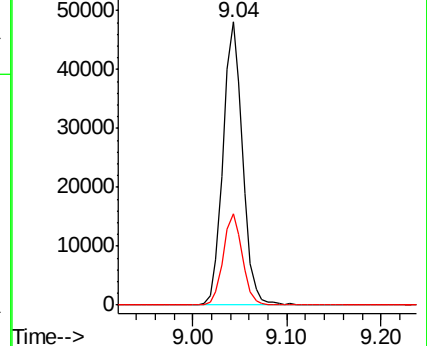
75 100

77 32.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.42 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

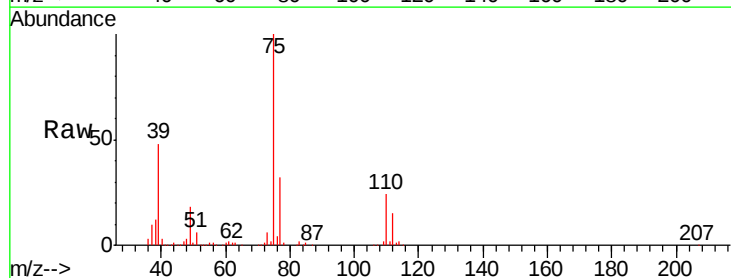
Tgt Ion: 75 Resp: 76980

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

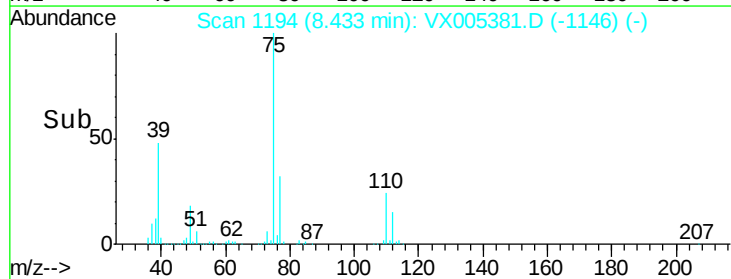
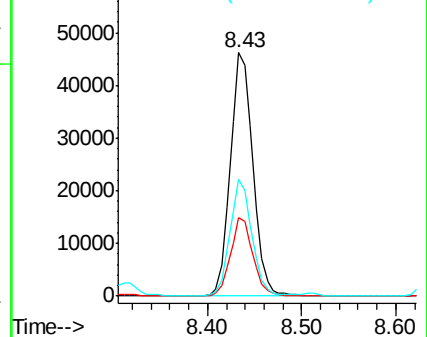
39 47.8 36.4 54.6

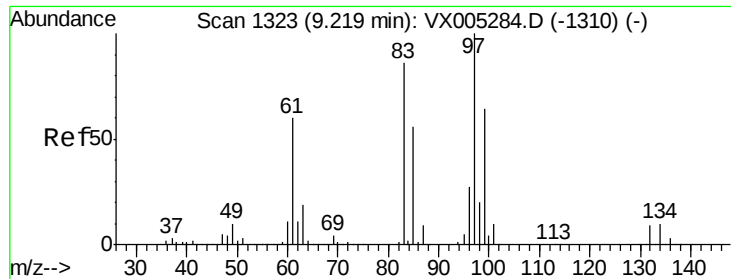


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

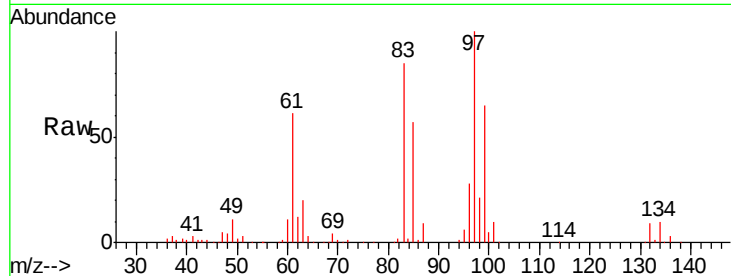




#55  
 1,1,2-Trichloroethane  
 Concen: 20.61 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.01 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 51270 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.1  | 66.4  | 99.6  |
| 85       | 57.1  | 43.3  | 64.9  |
| 99       | 65.0  | 49.0  | 73.4  |



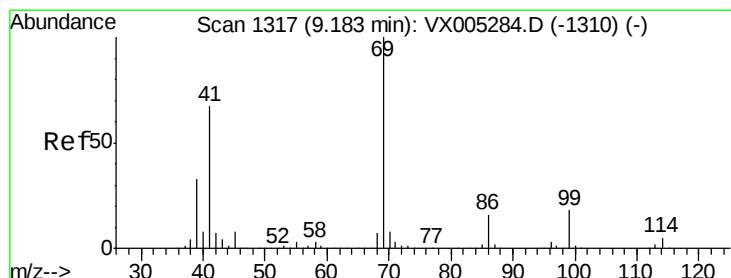
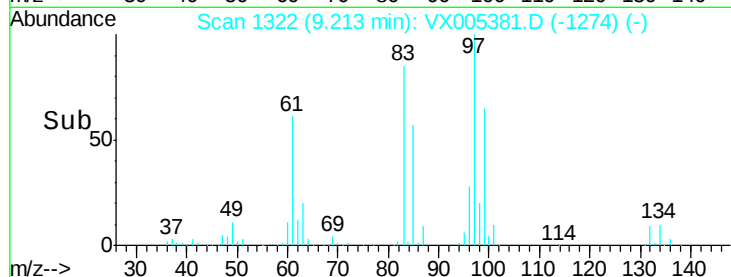
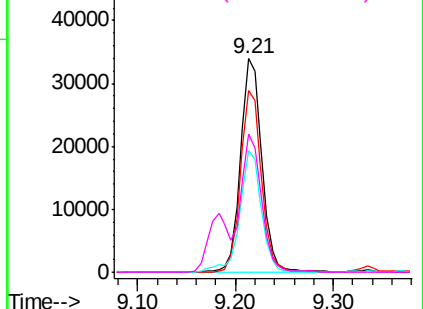
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

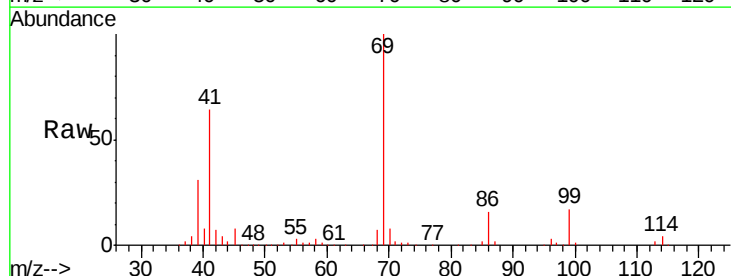
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56  
 Ethyl methacrylate  
 Concen: 20.52 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 74394 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.4  | 51.0  | 76.4  |
| 39       | 32.7  | 26.1  | 39.1  |

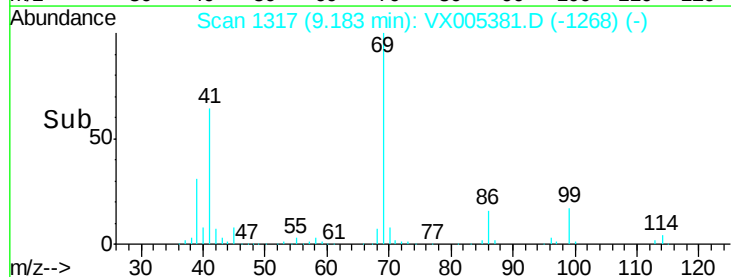
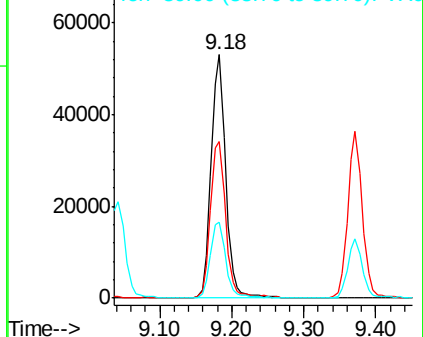


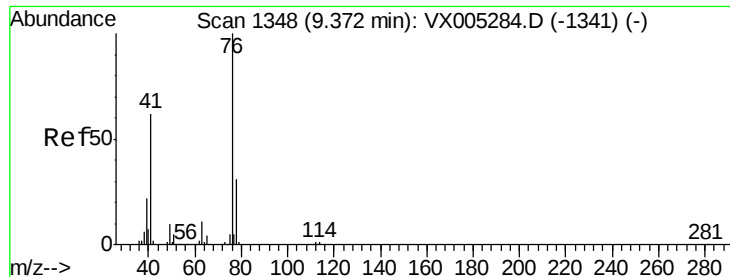
Abundance

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: 20.35 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

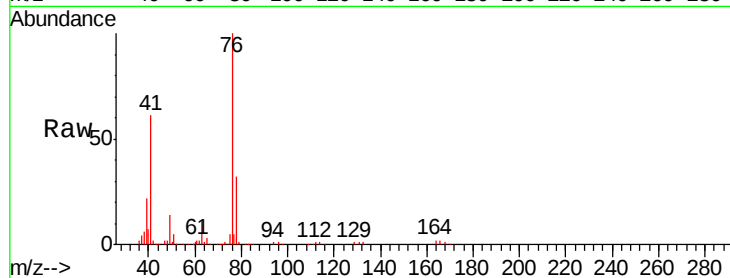
VX1017MBS01

Tgt Ion: 76 Resp: 84485

Ion Ratio Lower Upper

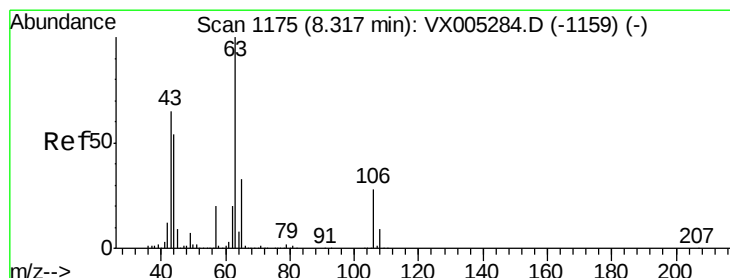
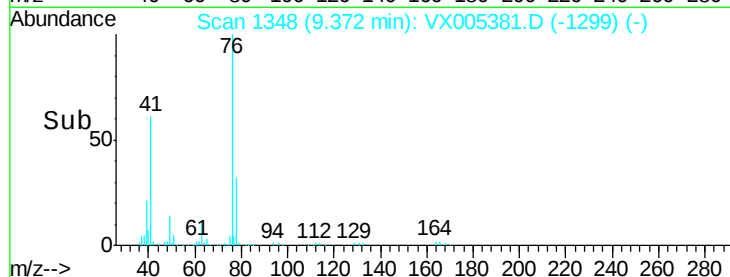
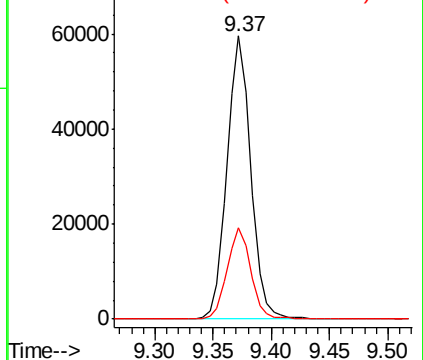
76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.15 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005381.D

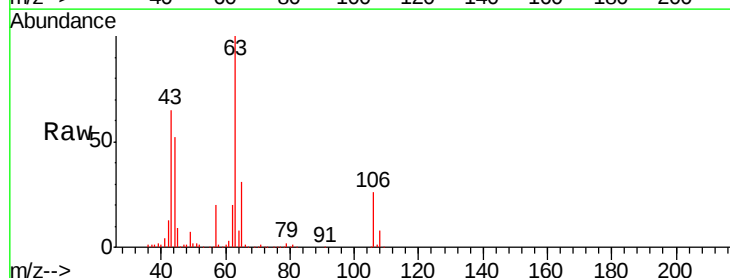
Acq: 17 Oct 2018 09:31

Tgt Ion: 63 Resp: 211782

Ion Ratio Lower Upper

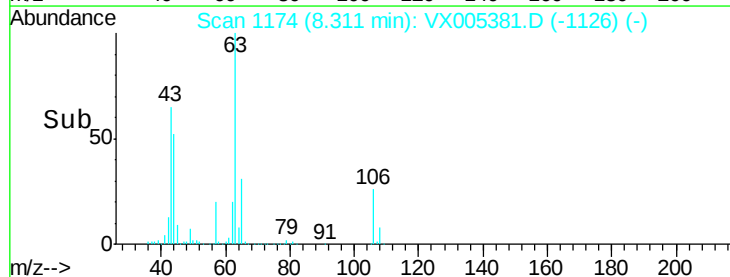
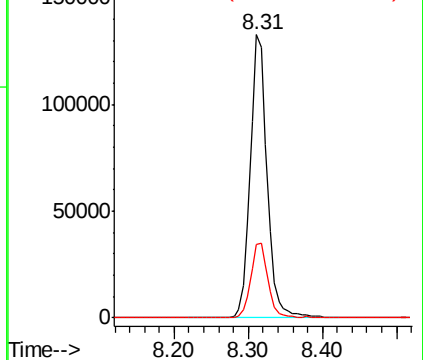
63 100

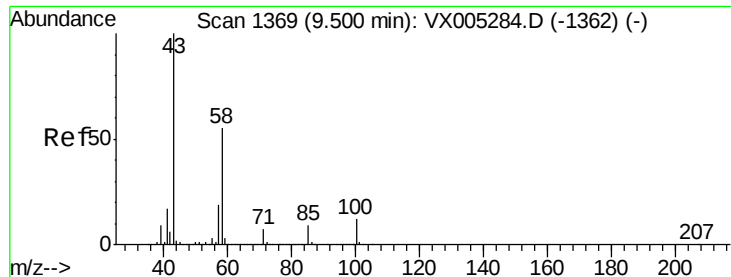
106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

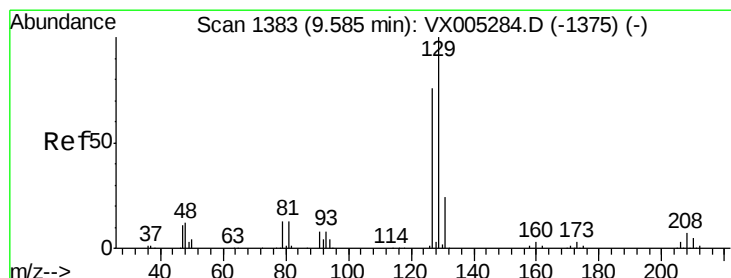
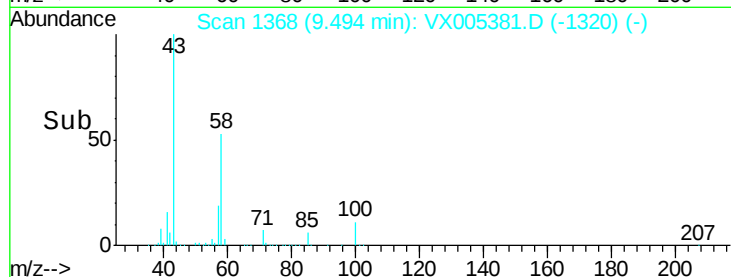
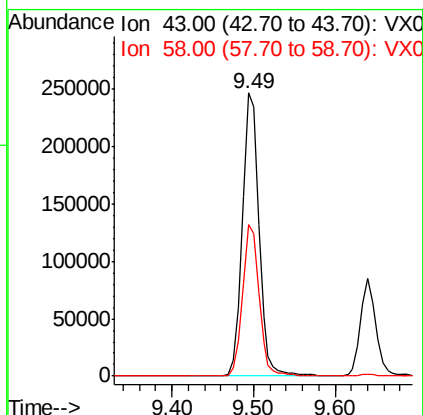
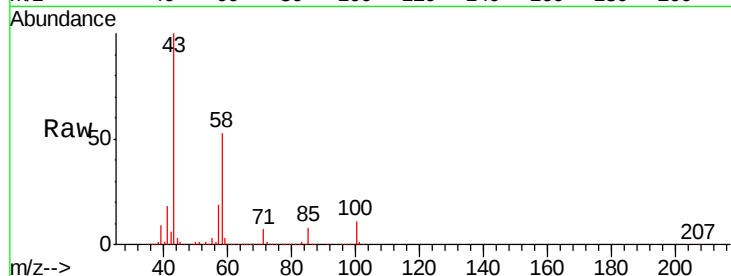




#59  
2-Hexanone  
Concen: 101.41 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

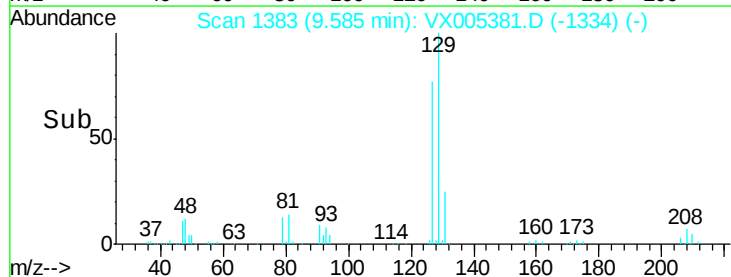
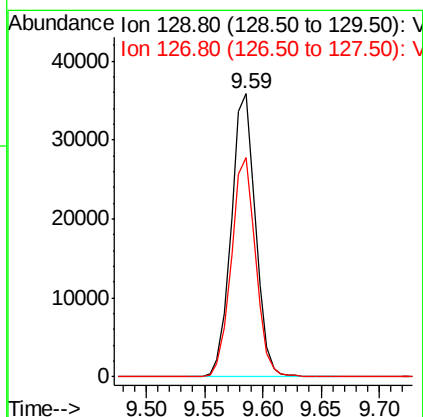
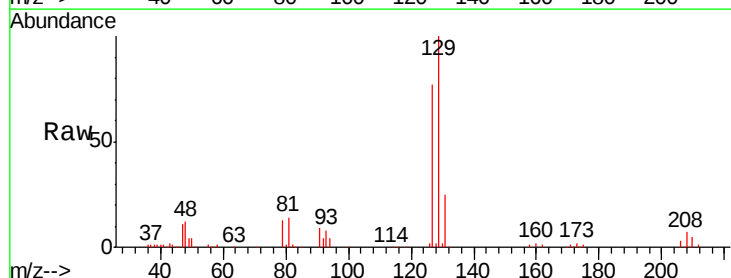
Instrument :  
MSVOA\_X  
ClientSampled :  
VX1017MBS01

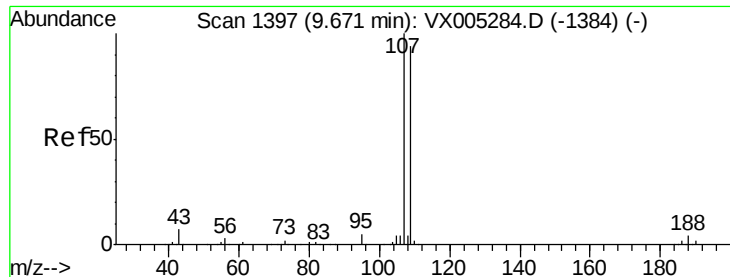
Tgt Ion: 43 Resp: 346206  
Ion Ratio Lower Upper  
43 100  
58 53.1 29.0 87.0



#60  
Dibromochloromethane  
Concen: 20.33 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion: 129 Resp: 52255  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.21 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

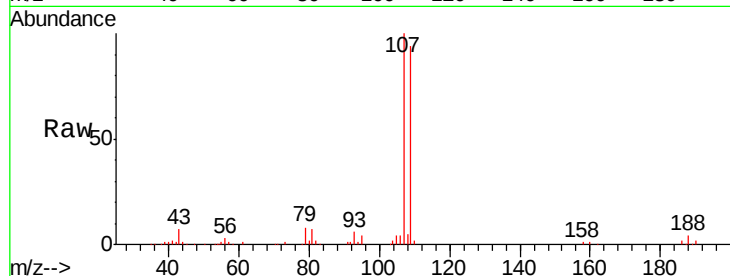
VX1017MBS01

Tgt Ion: 107 Resp: 52747

Ion Ratio Lower Upper

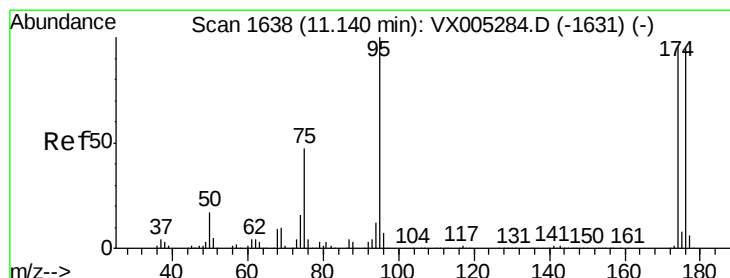
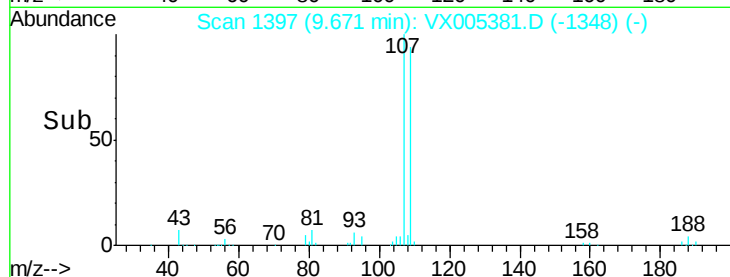
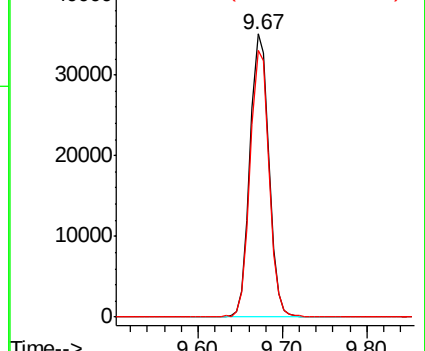
107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.20 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

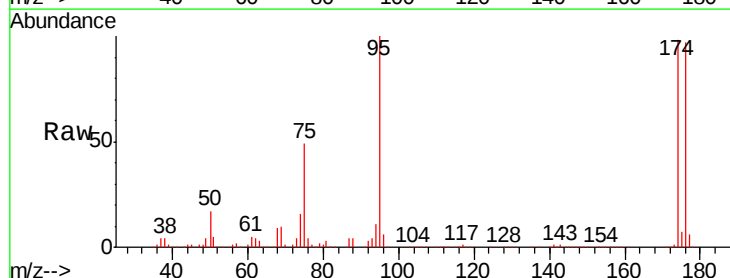
Tgt Ion: 95 Resp: 161586

Ion Ratio Lower Upper

95 100

174 96.1 0.0 185.2

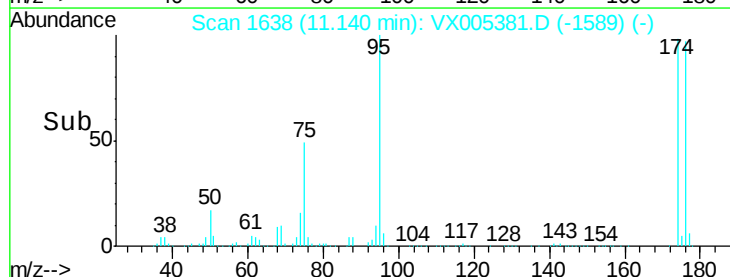
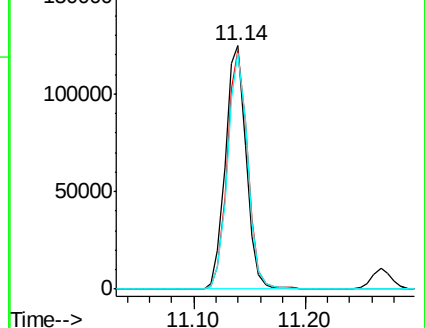
176 93.3 0.0 178.6

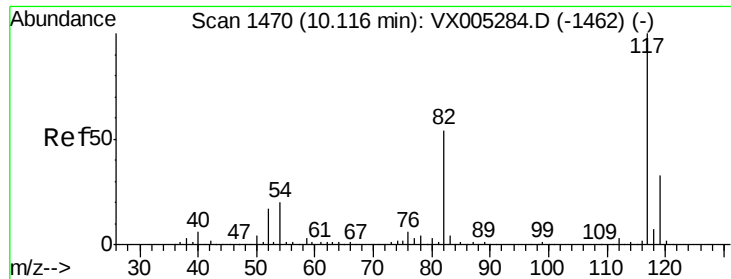


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

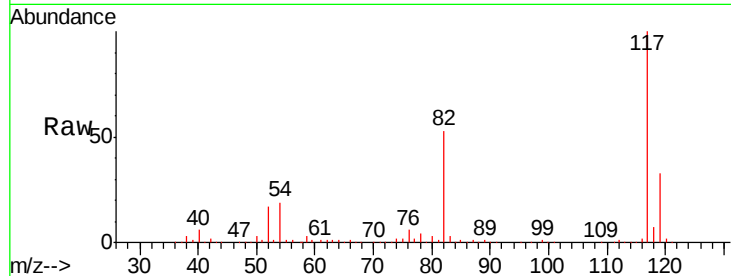




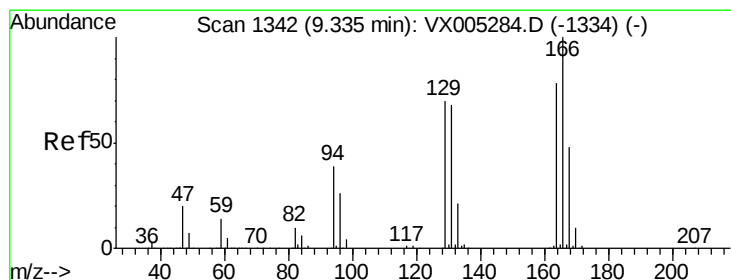
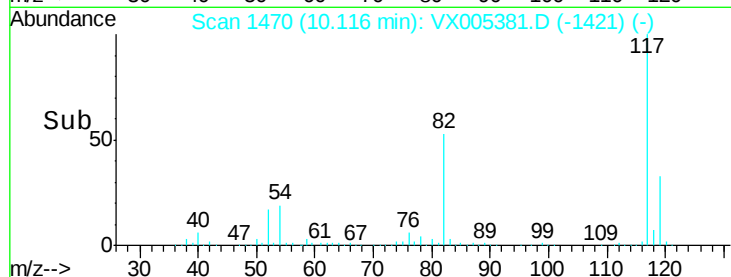
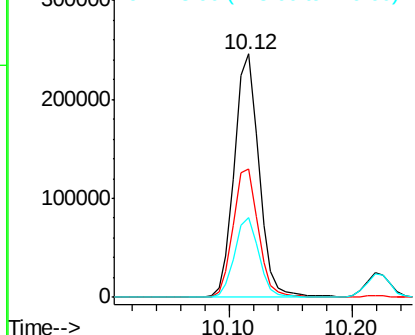
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

Tgt Ion:117 Resp: 342062  
Ion Ratio Lower Upper  
117 100  
82 52.8 47.8 71.6  
119 32.8 29.3 43.9



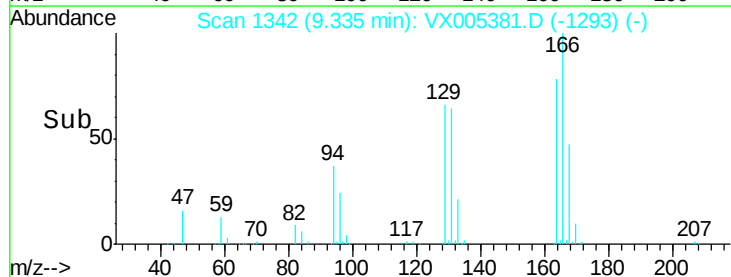
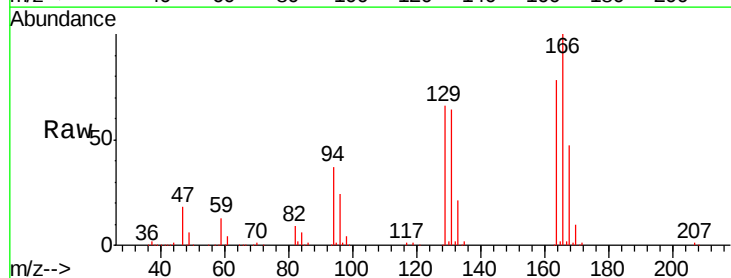
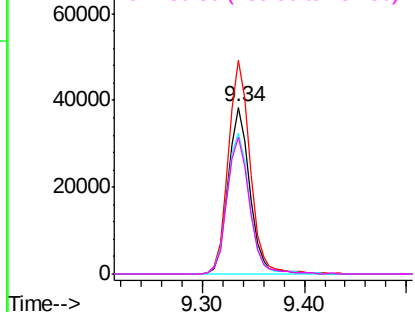
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

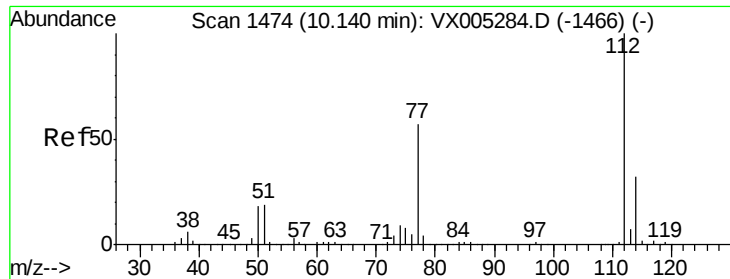


#64  
Tetrachloroethene  
Concen: 20.55 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion:164 Resp: 56598  
Ion Ratio Lower Upper  
164 100  
166 128.3 102.8 154.2  
129 84.3 69.4 104.0  
131 82.5 67.9 101.9

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

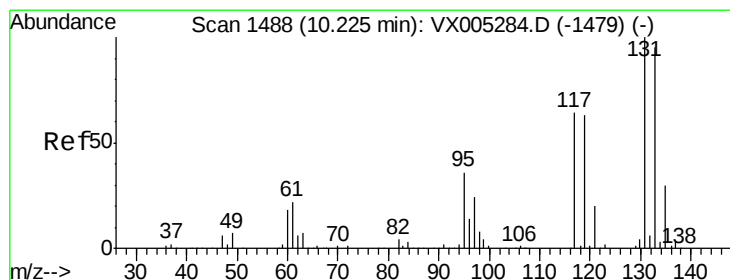
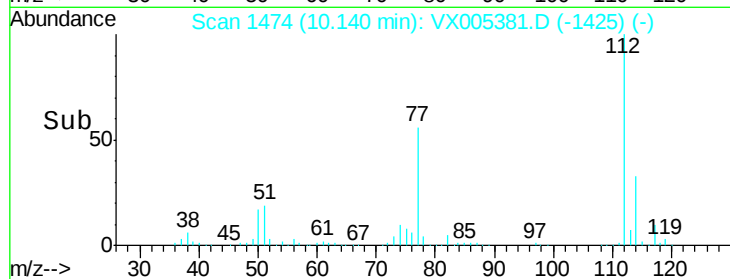
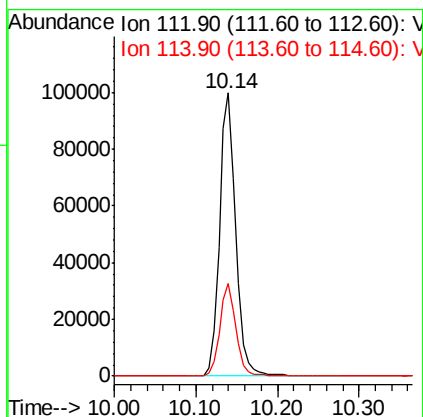
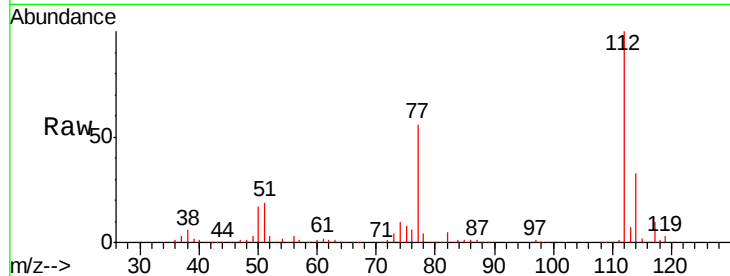




#65  
Chlorobenzene  
Concen: 19.07 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

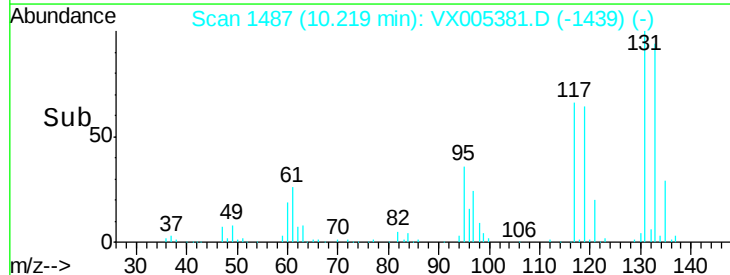
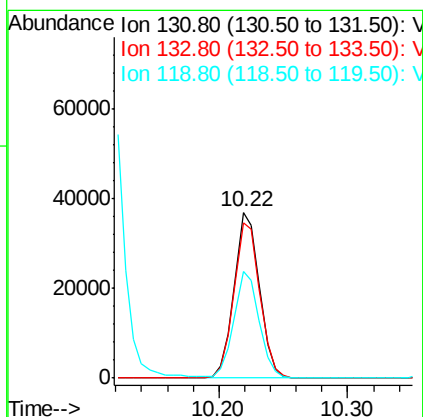
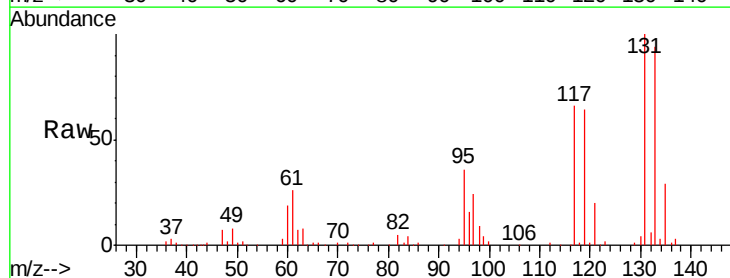
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

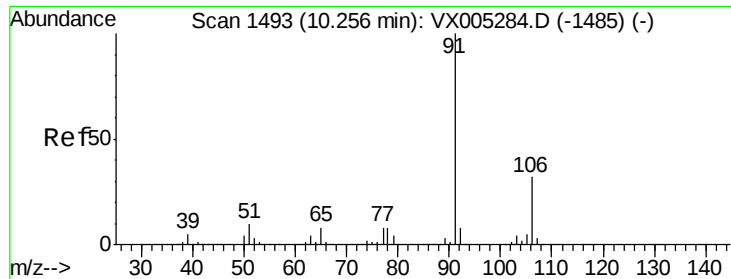
Tgt Ion:112 Resp: 138738  
Ion Ratio Lower Upper  
112 100  
114 32.8 27.8 41.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.58 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.01 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion:131 Resp: 50770  
Ion Ratio Lower Upper  
131 100  
133 95.9 48.1 144.4  
119 64.8 32.9 98.6





#67

Ethyl Benzene

Concen: 19.24 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

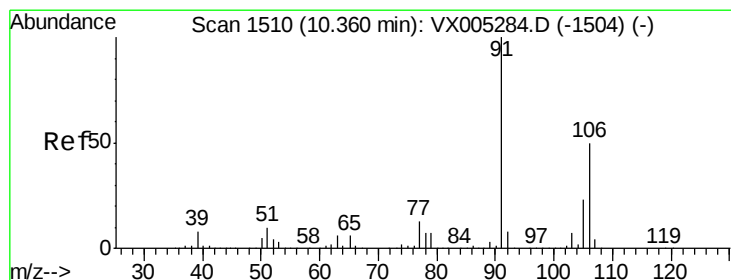
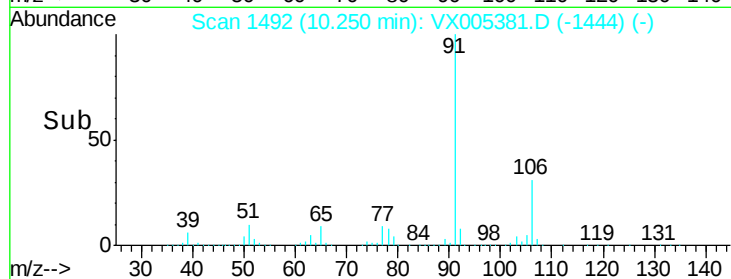
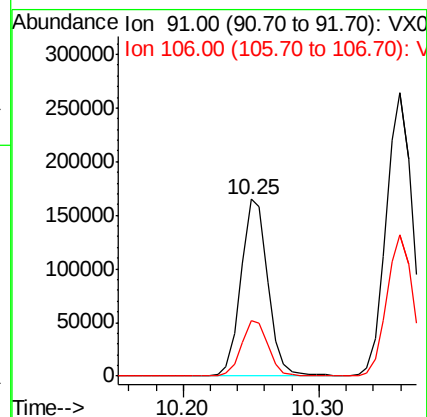
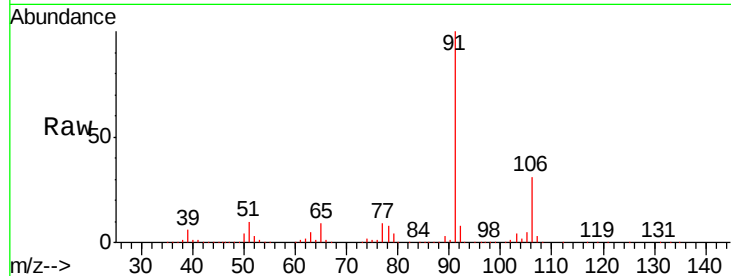
VX1017MBS01

Tgt Ion: 91 Resp: 227615

Ion Ratio Lower Upper

91 100

106 31.2 25.9 38.9



#68

m/p-Xylenes

Concen: 39.41 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005381.D

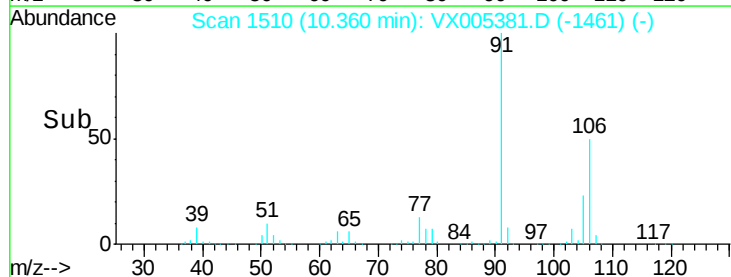
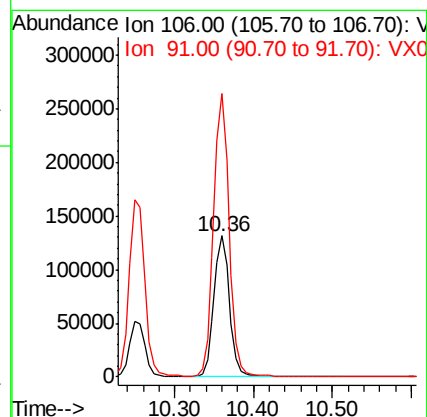
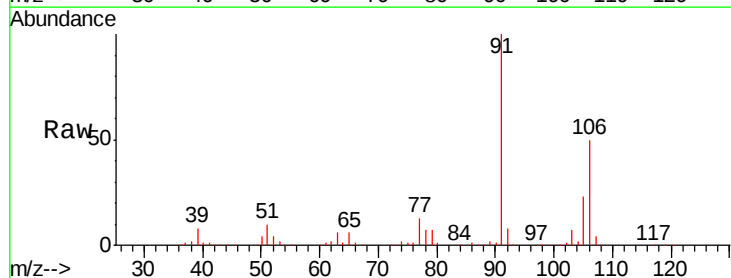
Acq: 17 Oct 2018 09:31

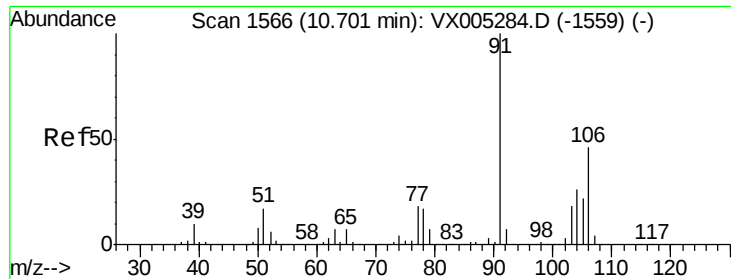
Tgt Ion: 106 Resp: 180943

Ion Ratio Lower Upper

106 100

91 201.8 157.1 235.7

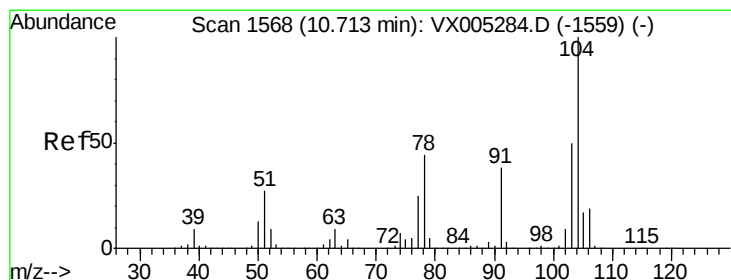
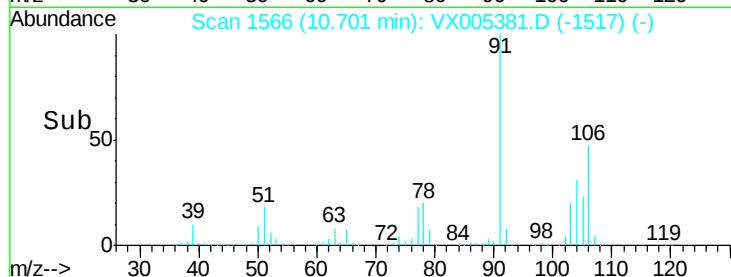
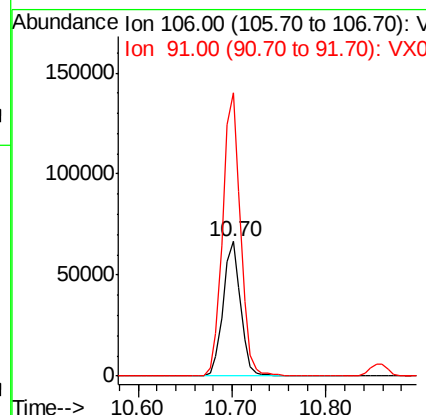
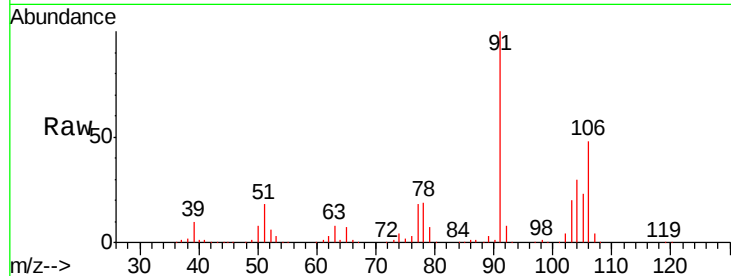




#69  
o-Xylene  
Concen: 19.40 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

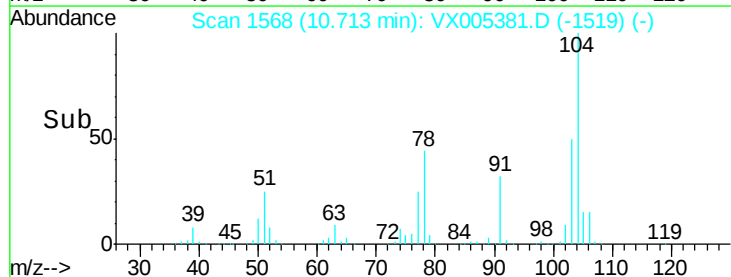
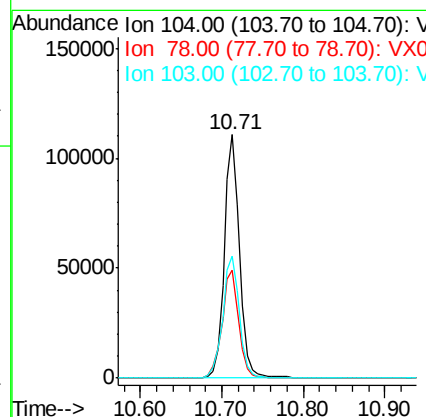
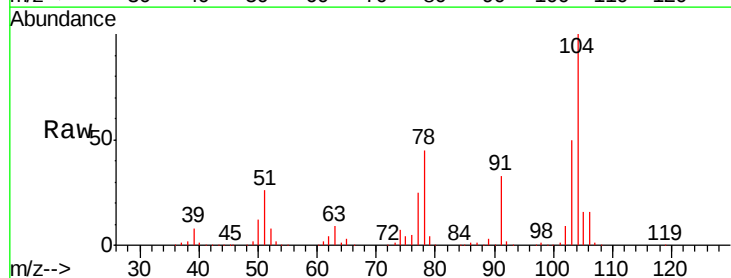
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

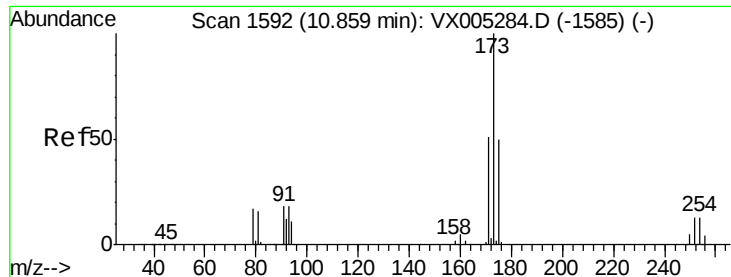
Tgt Ion:106 Resp: 85893  
Ion Ratio Lower Upper  
106 100  
91 215.0 105.1 315.1



#70  
Styrene  
Concen: 19.85 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion:104 Resp: 144574  
Ion Ratio Lower Upper  
104 100  
78 49.5 37.4 56.0  
103 55.4 43.8 65.6





#71

Bromoform

Concen: 18.45 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

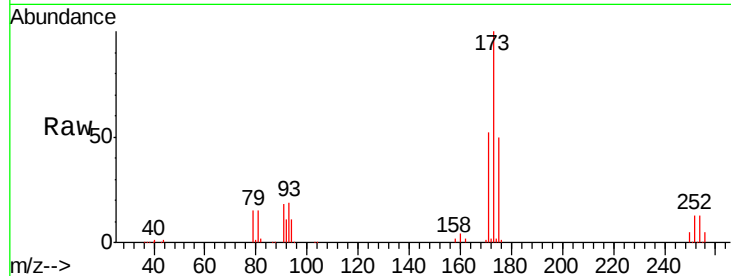
Tgt Ion:173 Resp: 42749

Ion Ratio Lower Upper

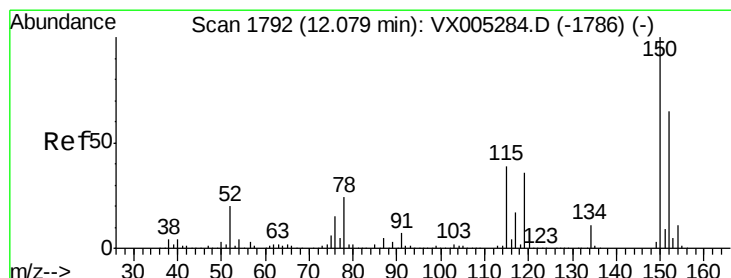
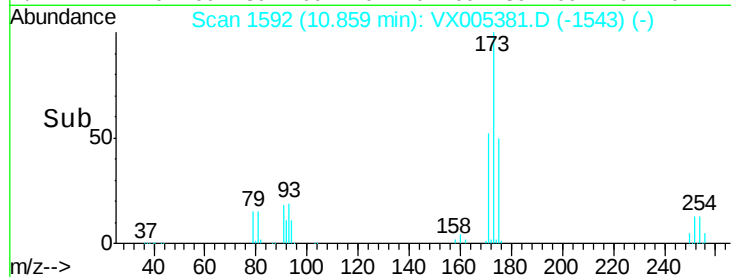
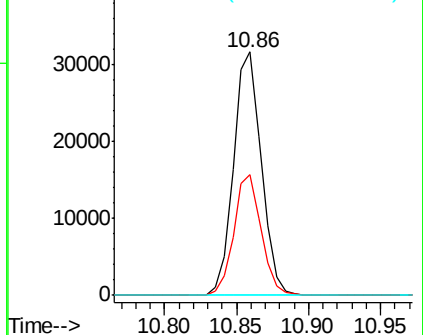
173 100

175 48.9 24.1 72.3

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

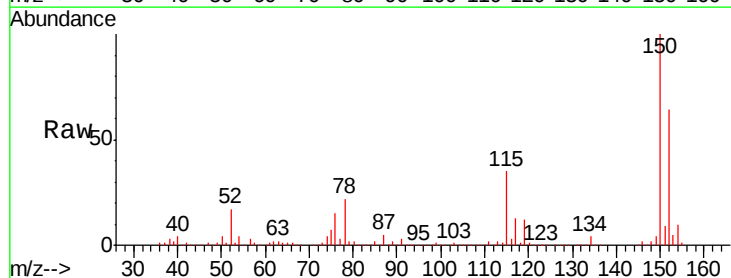
Tgt Ion:152 Resp: 194540

Ion Ratio Lower Upper

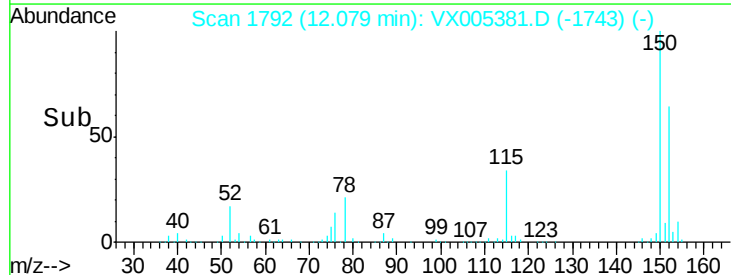
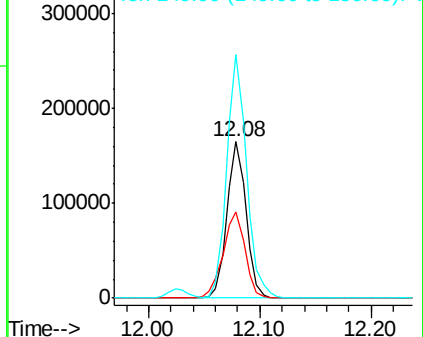
152 100

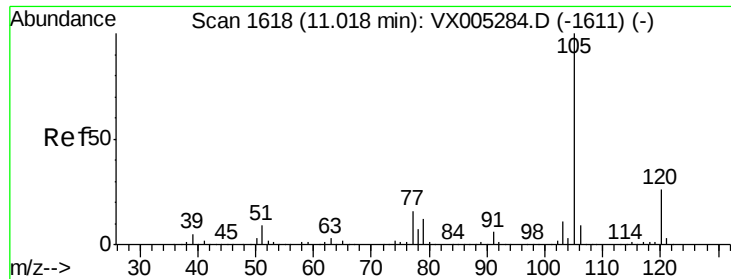
115 63.4 39.0 117.0

150 162.6 0.0 351.0



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: 20.28 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

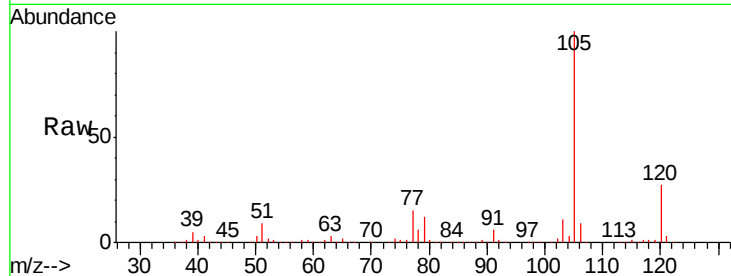
VX1017MBS01

Tgt Ion: 105 Resp: 234577

Ion Ratio Lower Upper

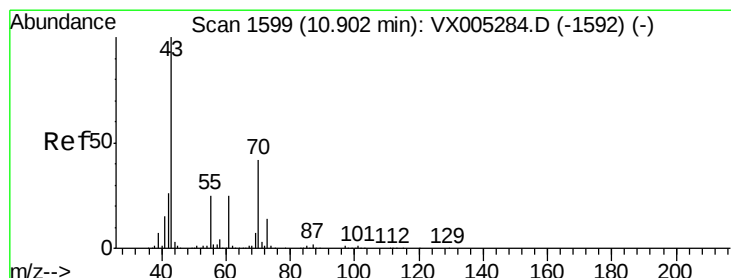
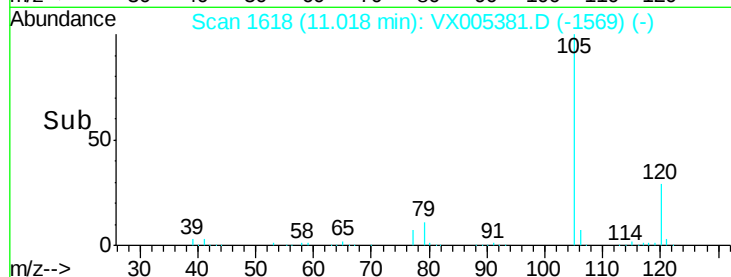
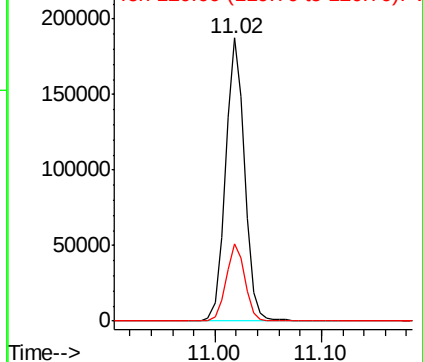
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.82 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Tgt Ion: 43 Resp: 105003

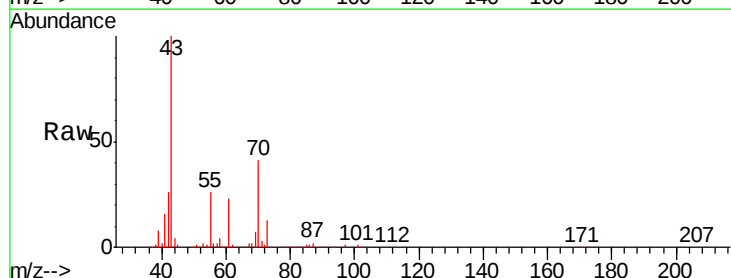
Ion Ratio Lower Upper

43 100

70 42.2 37.4 56.0

55 26.6 21.8 32.8

61 23.4 20.6 30.8

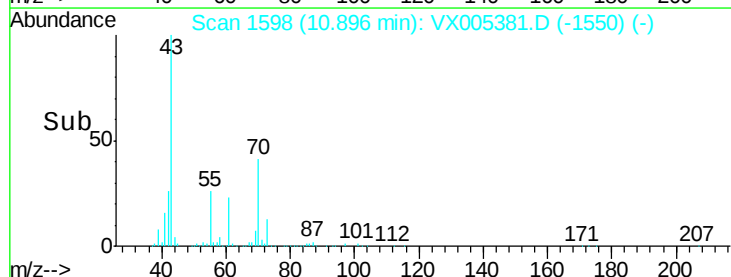
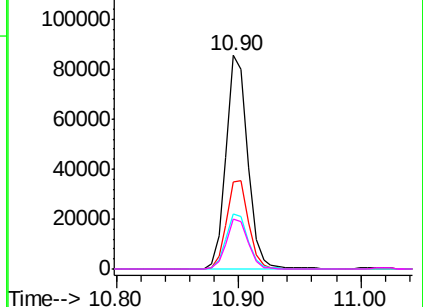


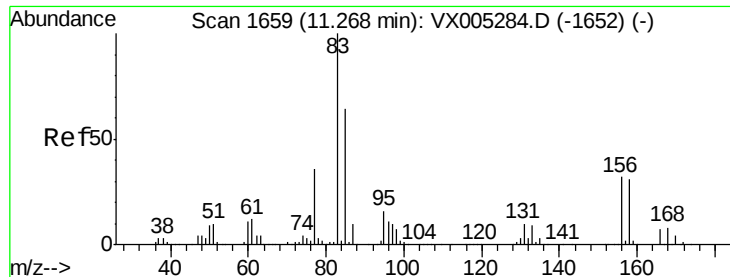
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.03 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

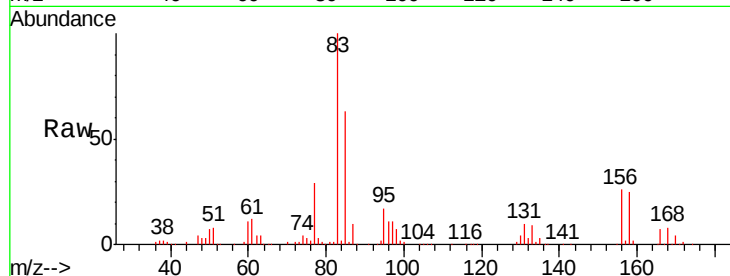
Tgt Ion: 83 Resp: 83002

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

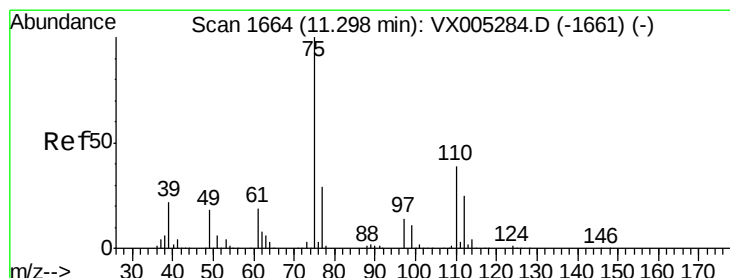
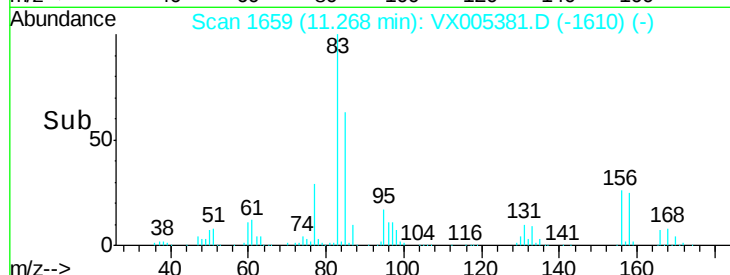
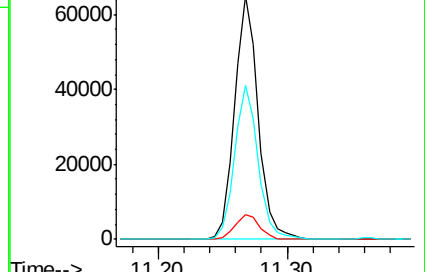
85 63.2 32.3 96.8



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: 25.37 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005381.D

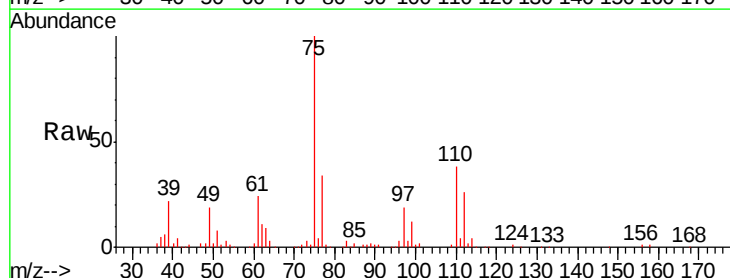
Acq: 17 Oct 2018 09:31

Tgt Ion: 75 Resp: 95741

Ion Ratio Lower Upper

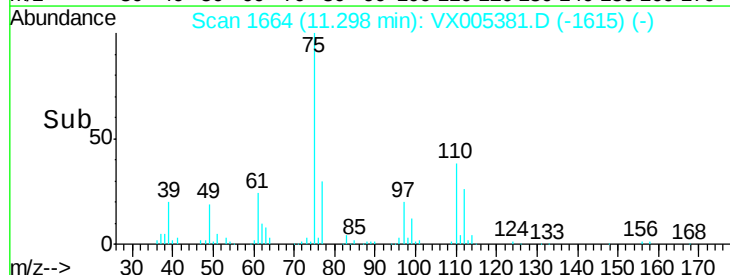
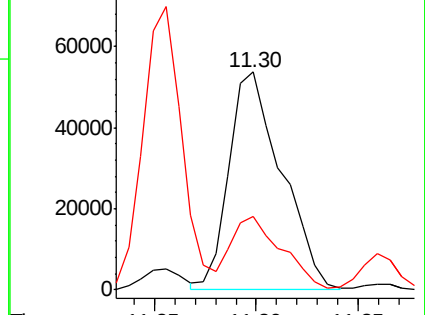
75 100

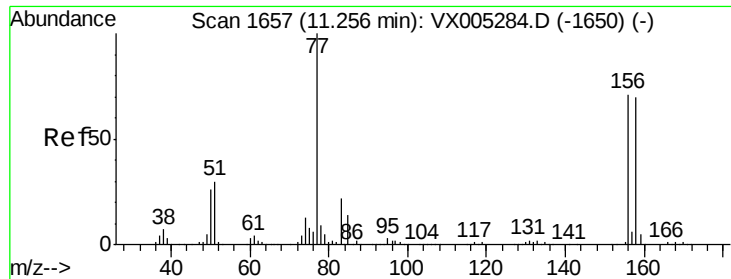
77 32.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.45 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

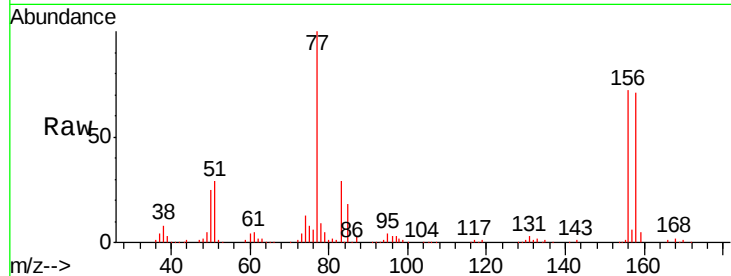
Tgt Ion:156 Resp: 64322

Ion Ratio Lower Upper

156 100

77 144.1 71.5 214.3

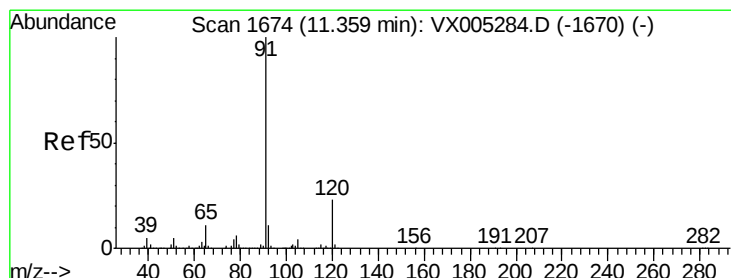
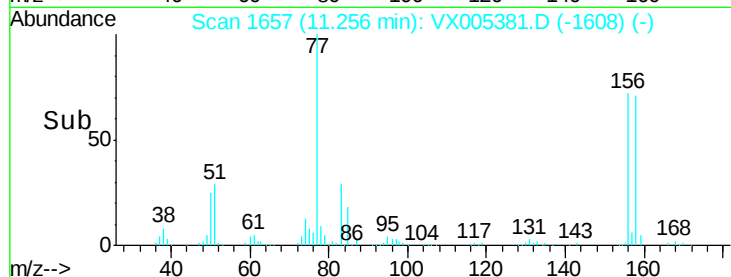
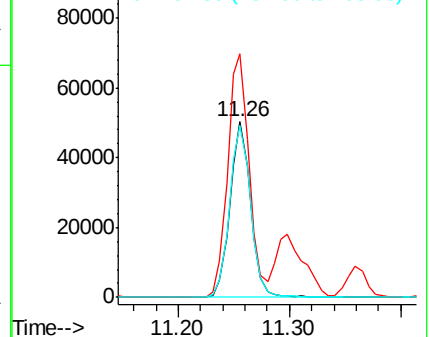
158 99.9 48.9 146.8



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: 20.21 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005381.D

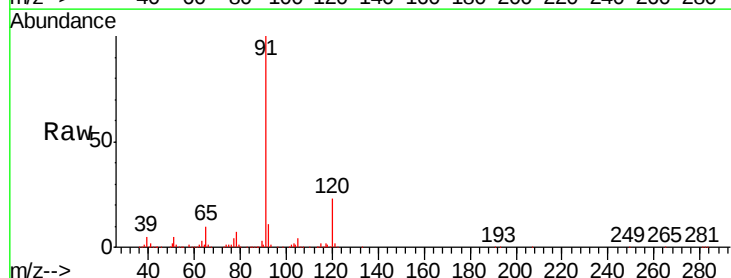
Acq: 17 Oct 2018 09:31

Tgt Ion: 91 Resp: 268915

Ion Ratio Lower Upper

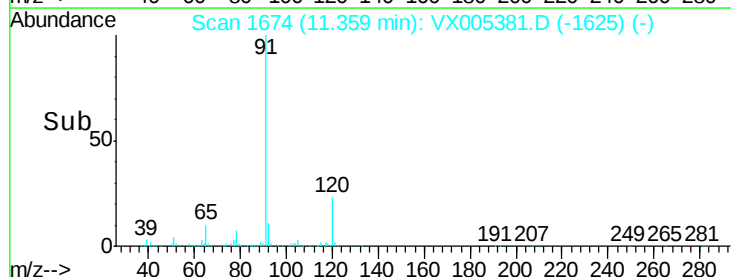
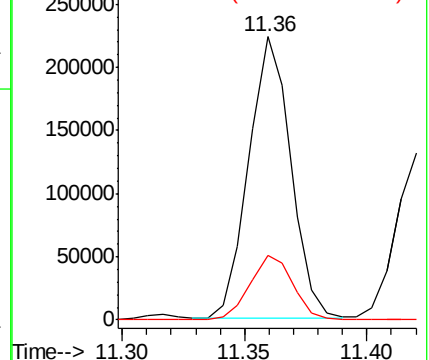
91 100

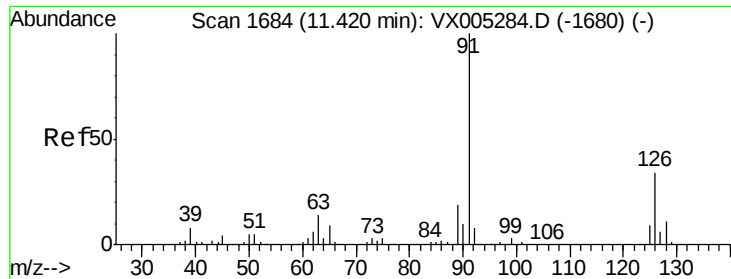
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

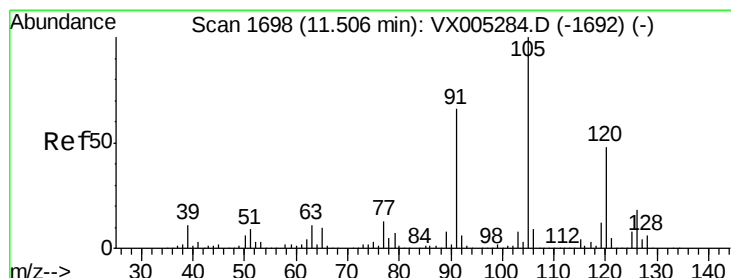
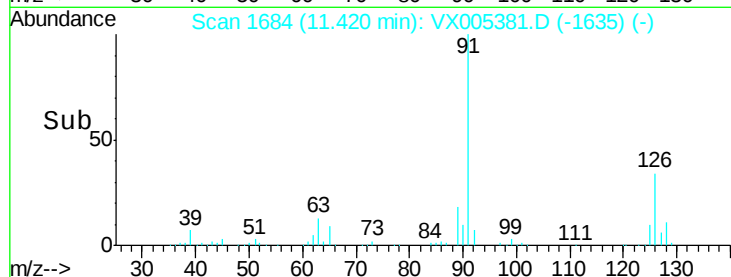
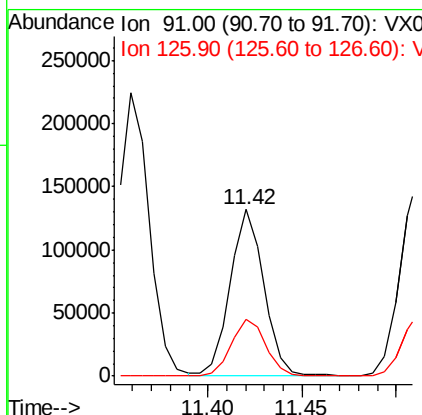
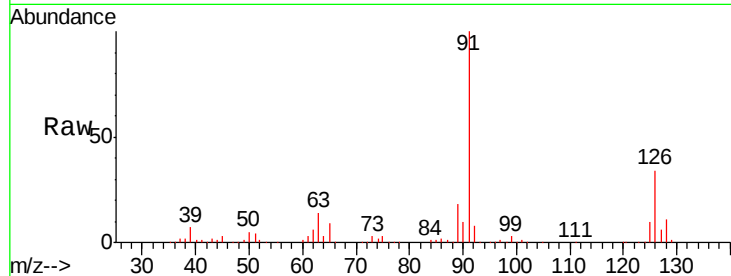




#79  
 2-Chlorotoluene  
 Concen: 19.88 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

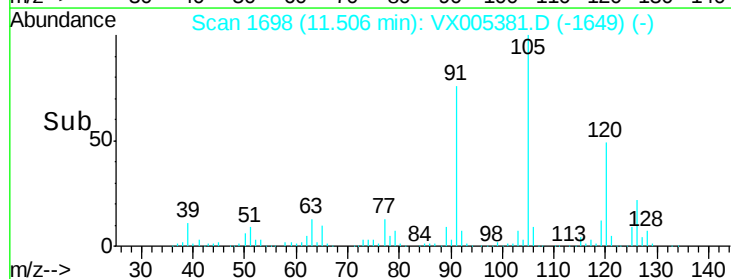
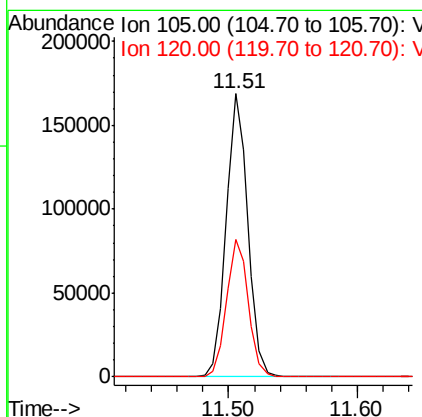
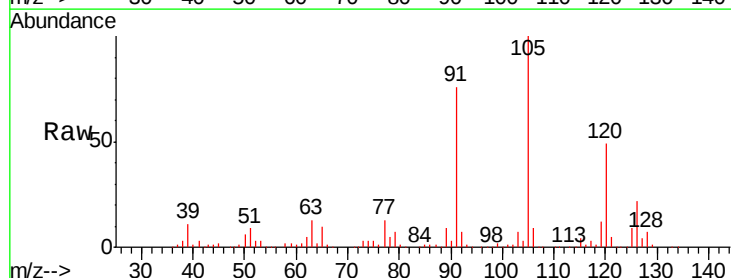
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

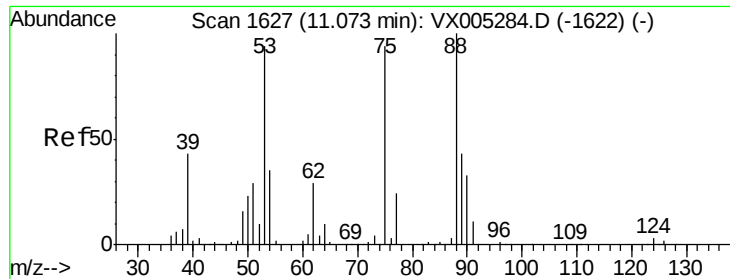
Tgt Ion: 91 Resp: 162037  
 Ion Ratio Lower Upper  
 91 100  
 126 35.1 17.9 53.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.19 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Tgt Ion: 105 Resp: 199903  
 Ion Ratio Lower Upper  
 105 100  
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.52 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

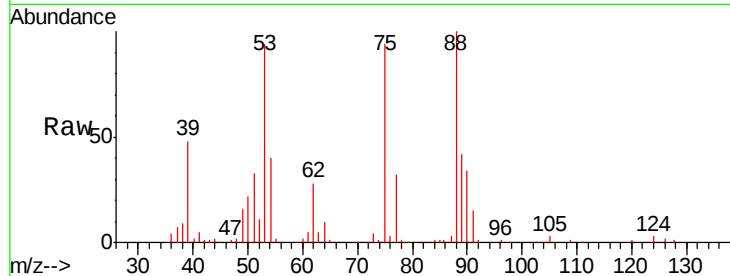
Tgt Ion: 75 Resp: 22996

Ion Ratio Lower Upper

75 100

53 98.8 80.1 120.1

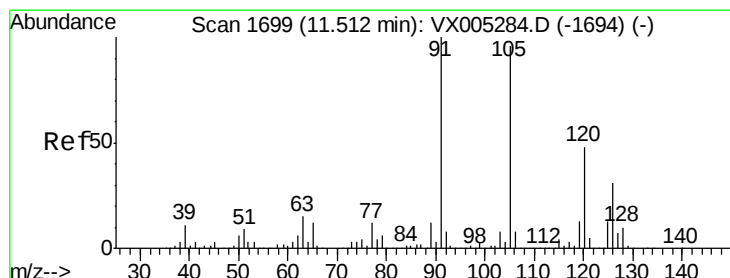
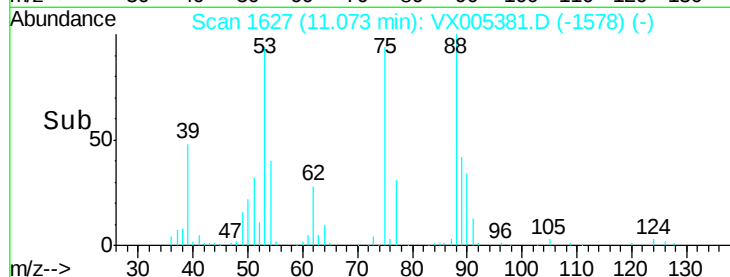
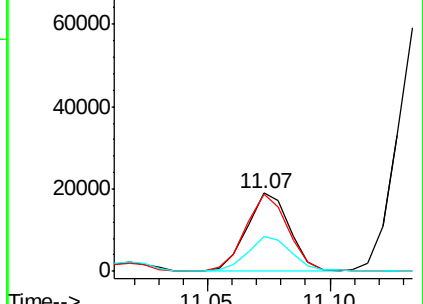
89 47.2 37.2 55.8



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: 19.76 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005381.D

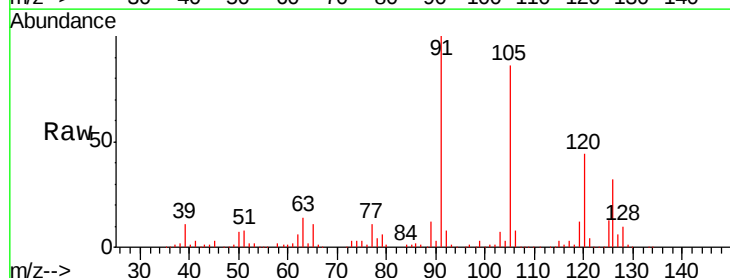
Acq: 17 Oct 2018 09:31

Tgt Ion: 91 Resp: 190898

Ion Ratio Lower Upper

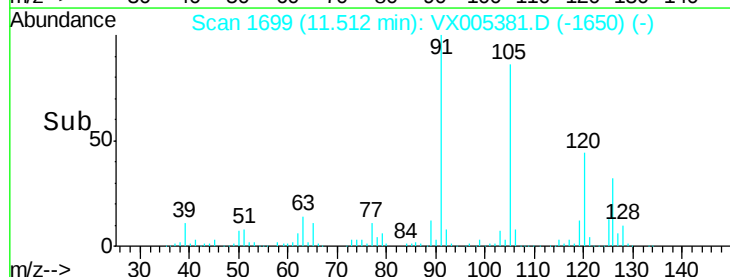
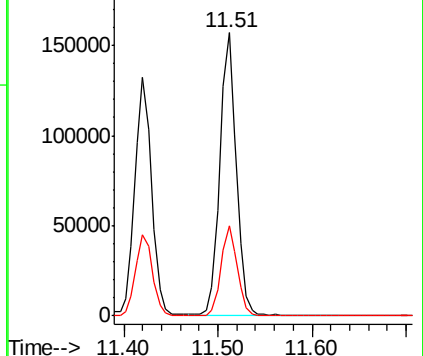
91 100

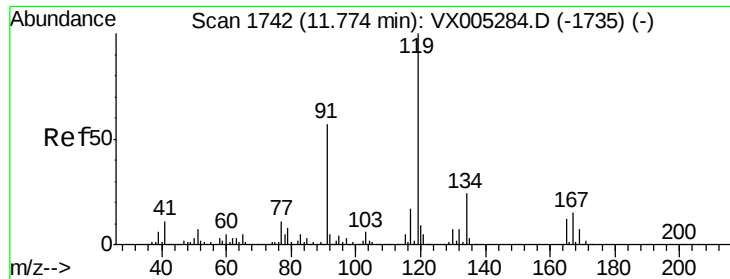
126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

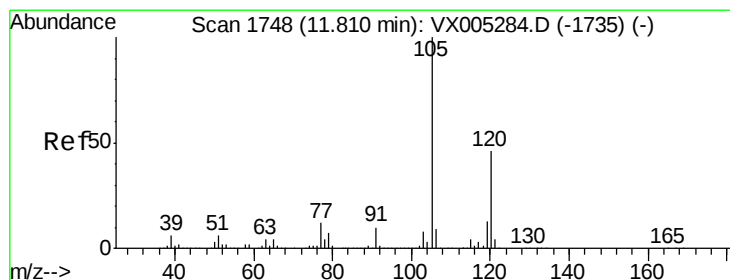
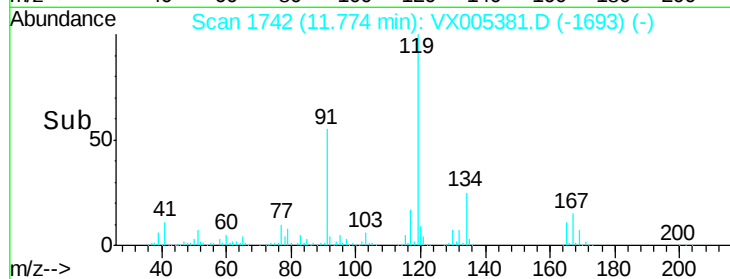
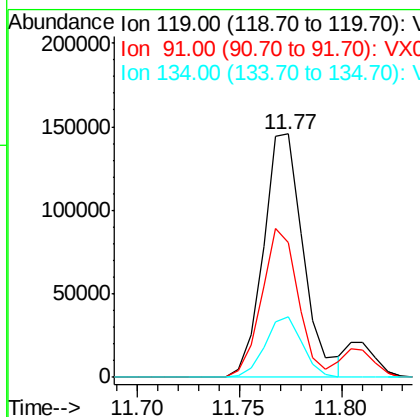
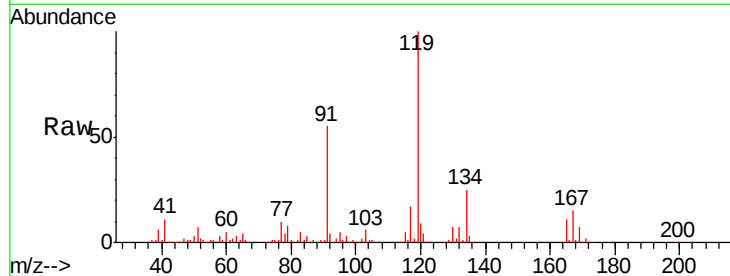




#83  
 tert-Butylbenzene  
 Concen: 19.88 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

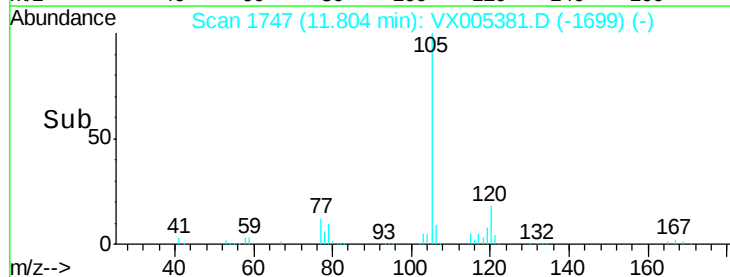
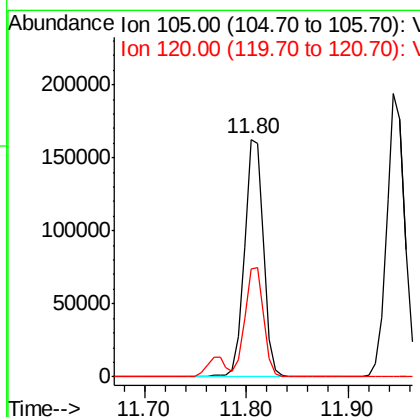
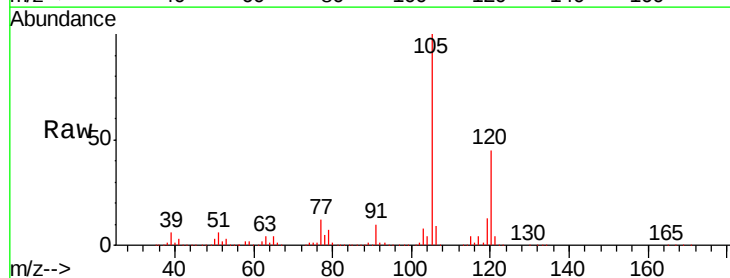
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

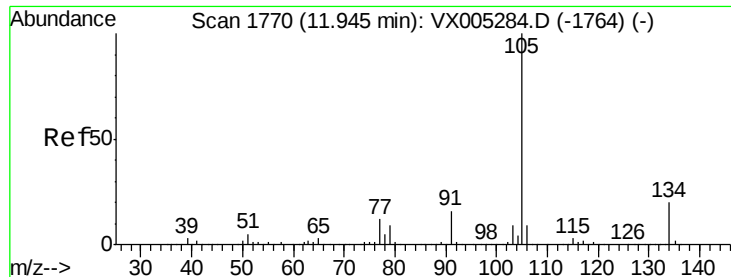
Tgt Ion:119 Resp: 199385  
 Ion Ratio Lower Upper  
 119 100  
 91 55.9 27.0 81.0  
 134 23.2 11.7 35.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.36 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.01 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Tgt Ion:105 Resp: 207545  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.34 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

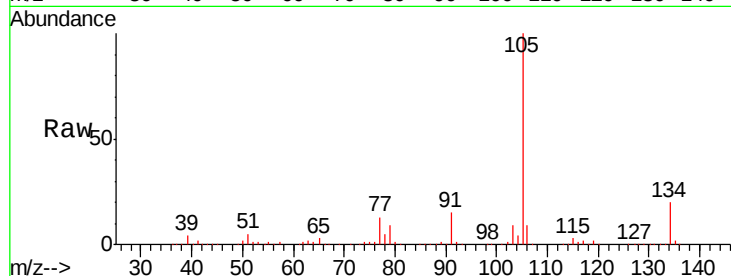
VX1017MBS01

Tgt Ion:105 Resp: 241349

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

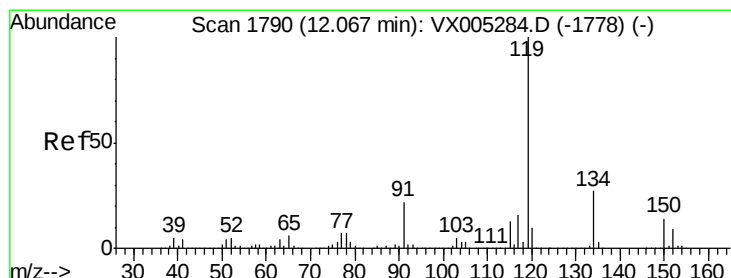
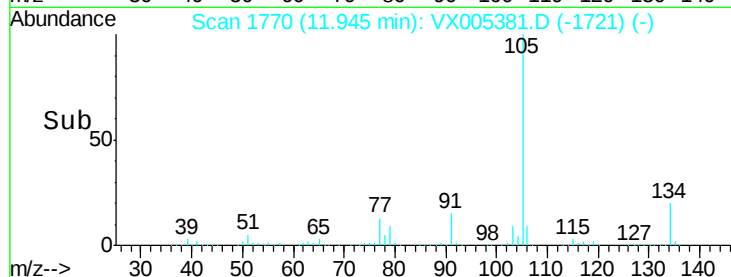
150000

100000

50000

0

Time--> 11.90 12.00



#86

p-Isopropyltoluene

Concen: 20.20 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

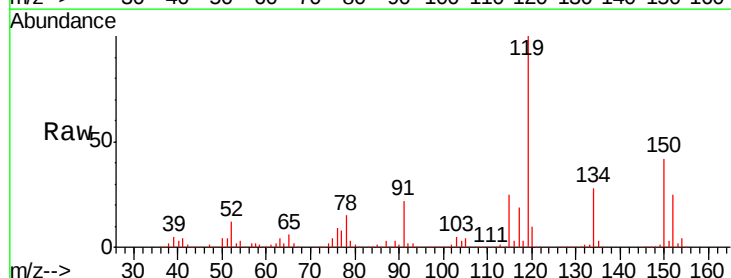
Tgt Ion:119 Resp: 216709

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 23.3 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

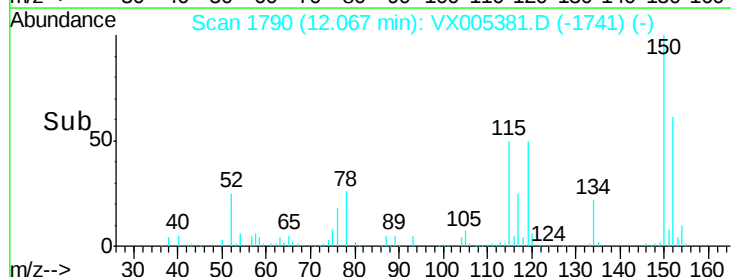
150000

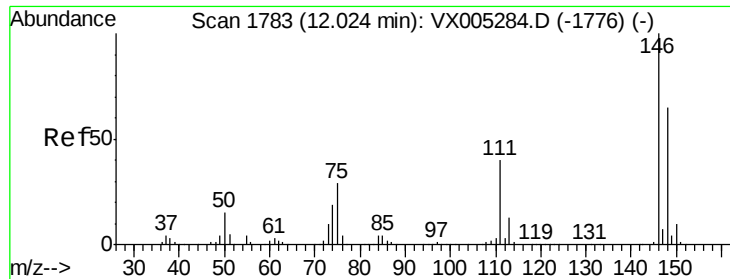
100000

50000

0

Time--> 12.00 12.10

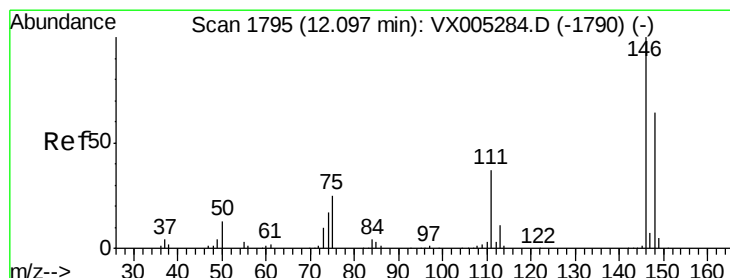
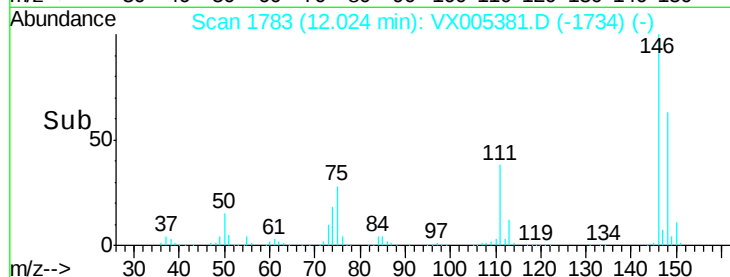
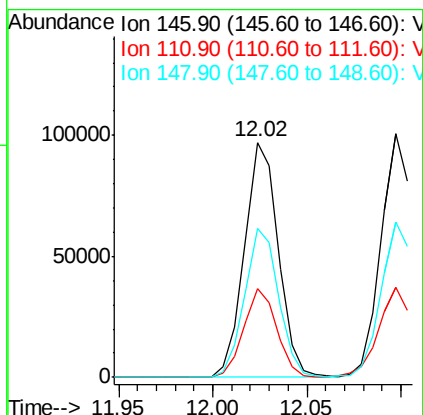
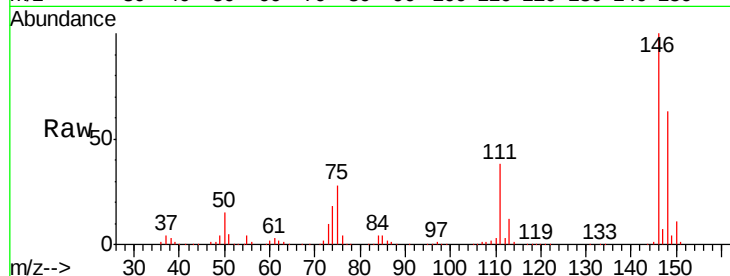




#87  
 1,3-Dichlorobenzene  
 Concen: 19.65 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

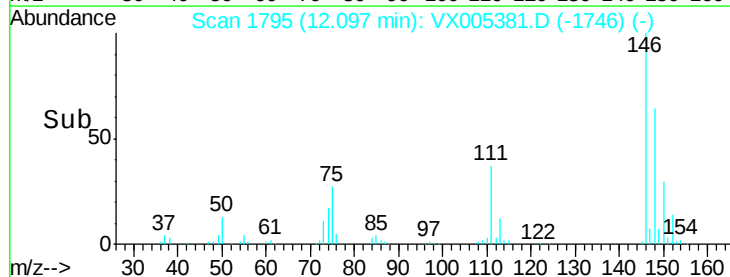
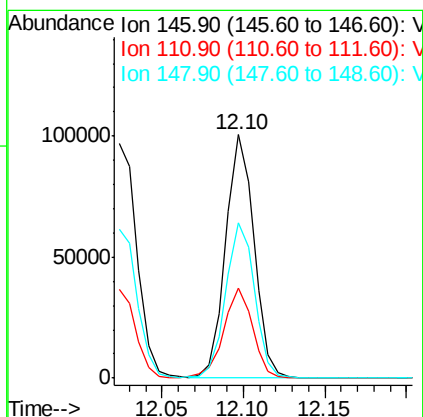
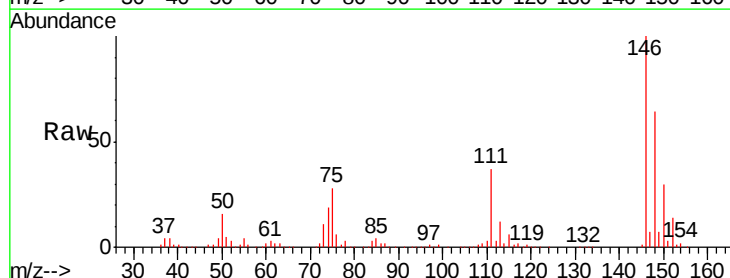
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX1017MBS01

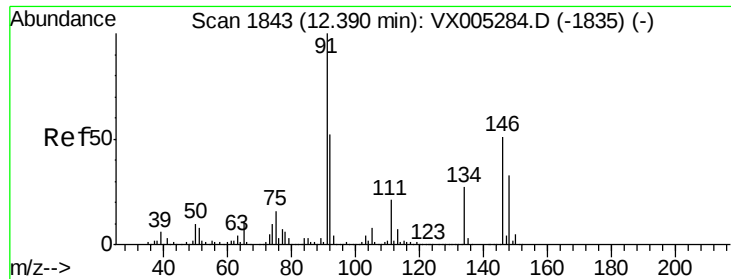
Tgt Ion:146 Resp: 121391  
 Ion Ratio Lower Upper  
 146 100  
 111 37.0 18.7 56.1  
 148 63.5 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.29 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Tgt Ion:146 Resp: 121922  
 Ion Ratio Lower Upper  
 146 100  
 111 37.7 18.1 54.1  
 148 65.0 32.0 96.0

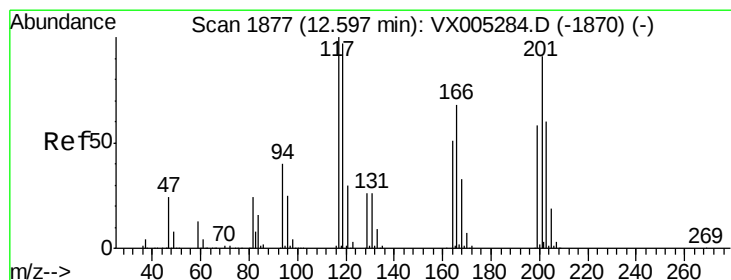
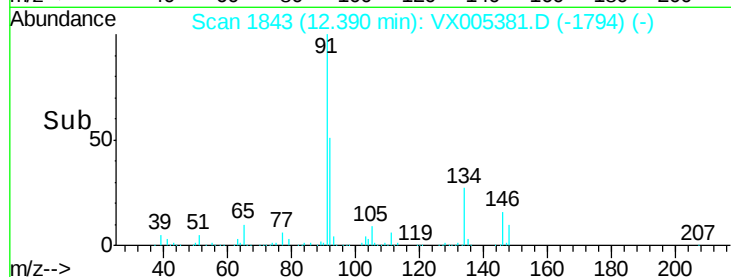
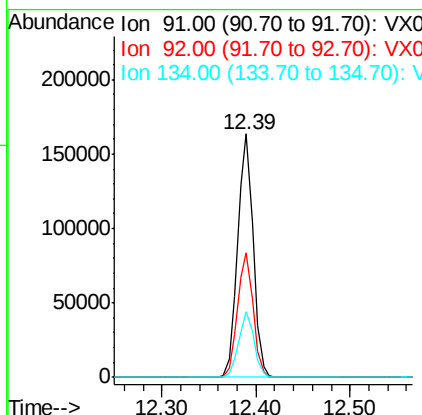
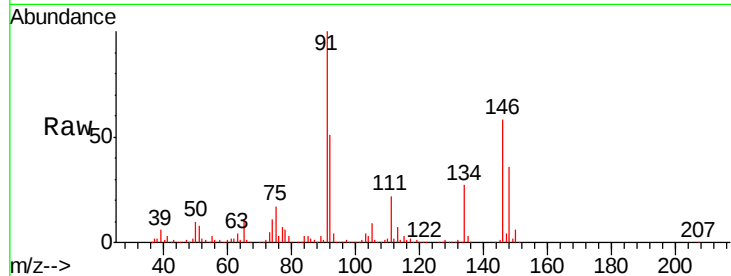




#89  
n-Butylbenzene  
Concen: 19.19 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

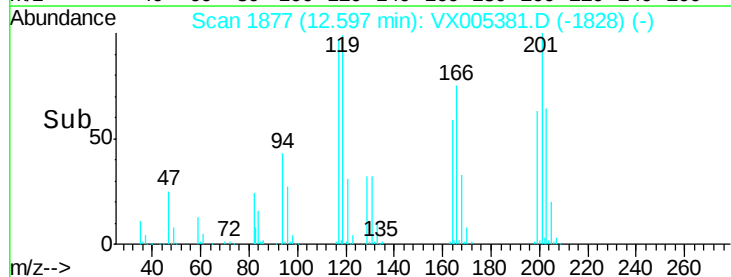
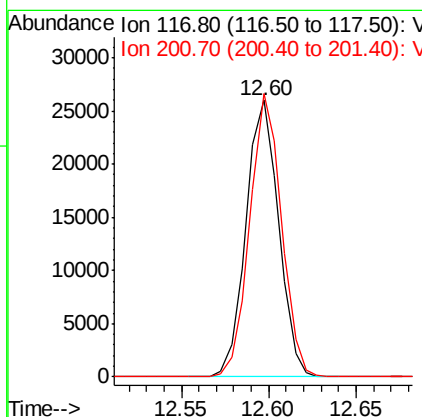
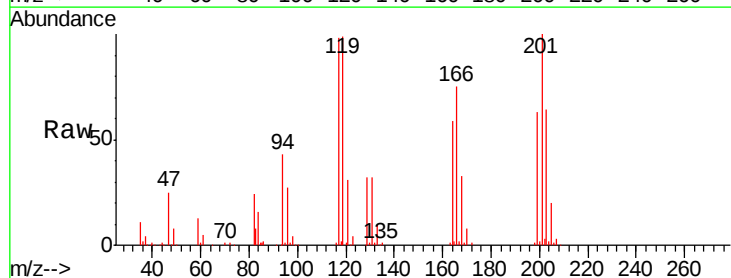
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1017MBS01

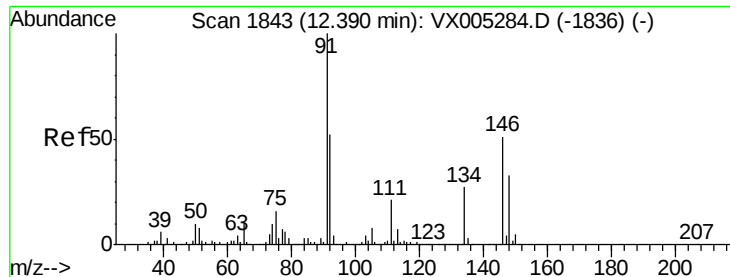
Tgt Ion: 91 Resp: 186899  
Ion Ratio Lower Upper  
91 100  
92 51.3 27.3 81.9  
134 26.5 13.6 40.7



#90  
Hexachloroethane  
Concen: 18.24 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX005381.D  
Acq: 17 Oct 2018 09:31

Tgt Ion: 117 Resp: 33721  
Ion Ratio Lower Upper  
117 100  
201 99.5 46.9 140.6

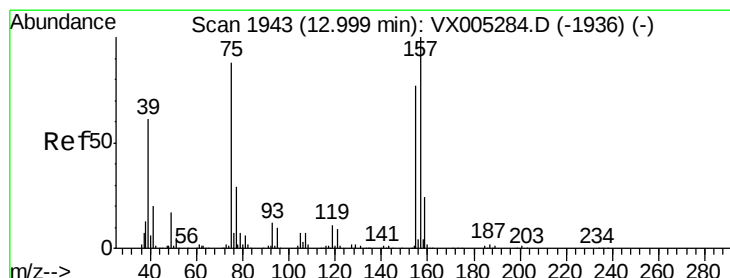
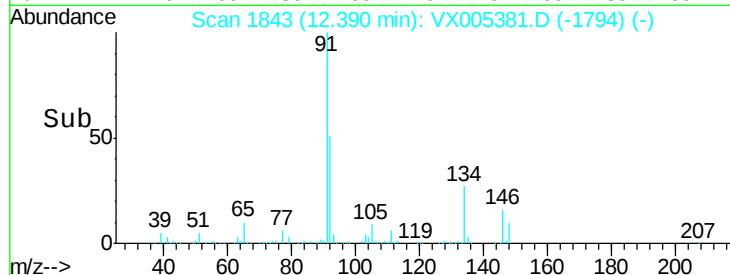
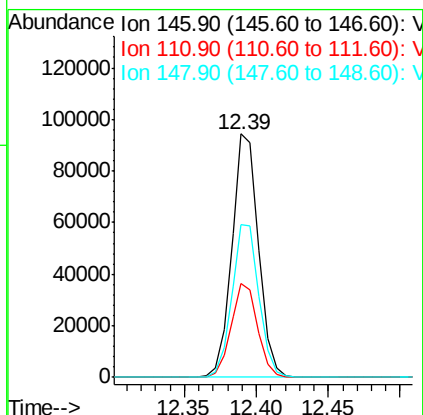
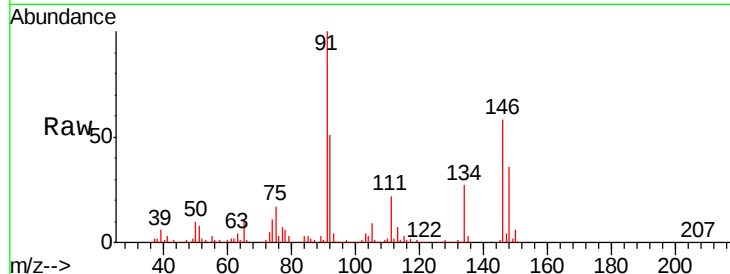




#91  
 1,2-Dichlorobenzene  
 Concen: 19.37 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

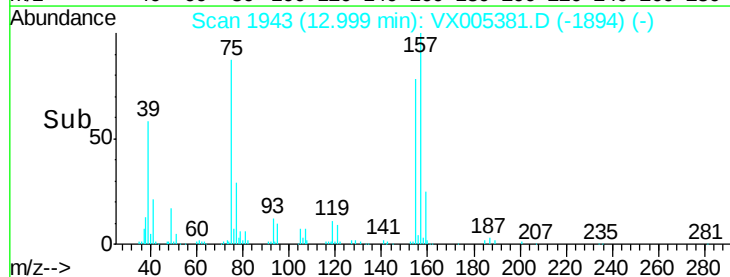
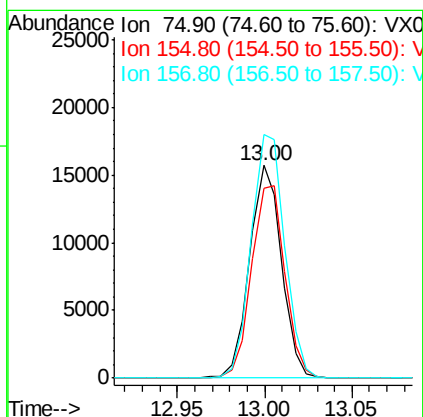
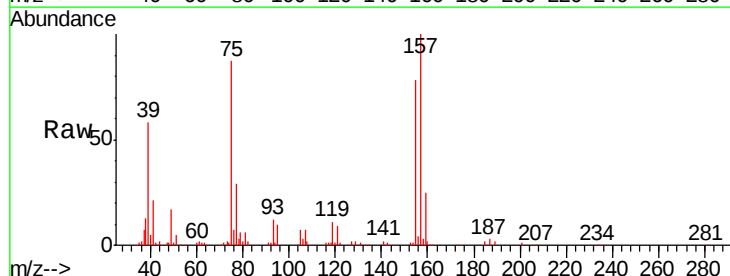
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

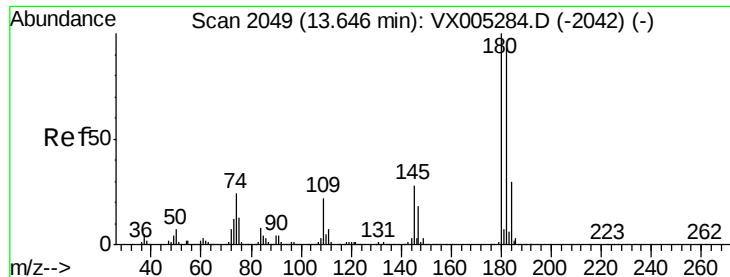
Tgt Ion:146 Resp: 122116  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 19.4 58.1  
 148 63.5 32.8 98.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.71 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Tgt Ion: 75 Resp: 19915  
 Ion Ratio Lower Upper  
 75 100  
 155 94.8 48.0 144.2  
 157 120.3 61.4 184.1

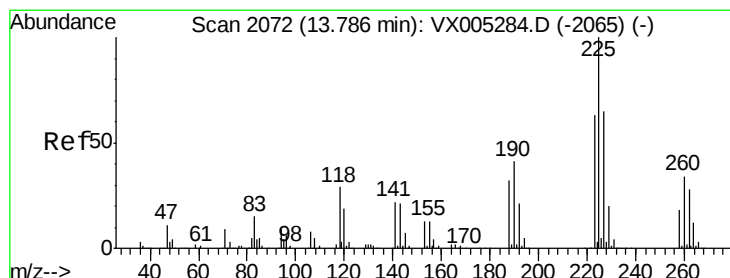
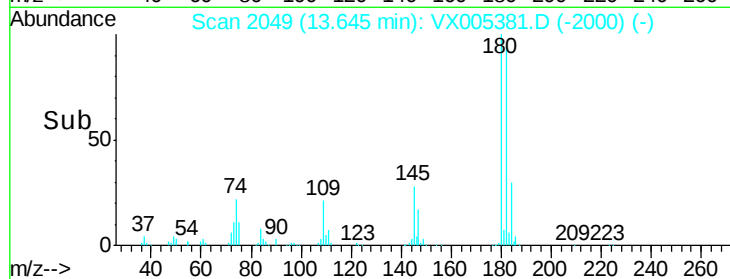
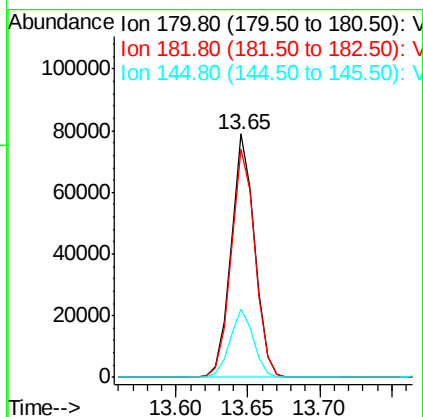
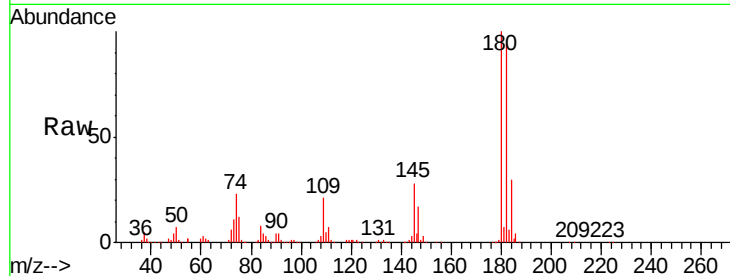




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.63 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

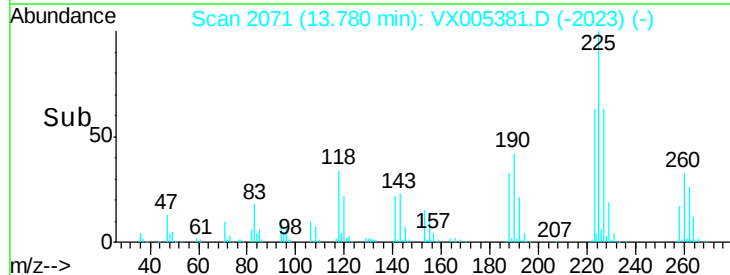
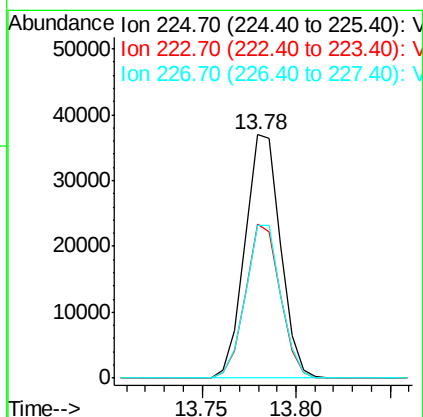
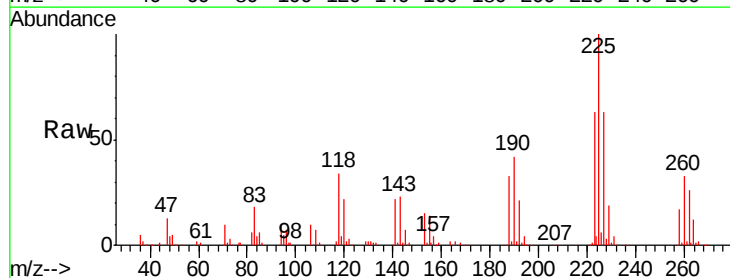
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1017MBS01

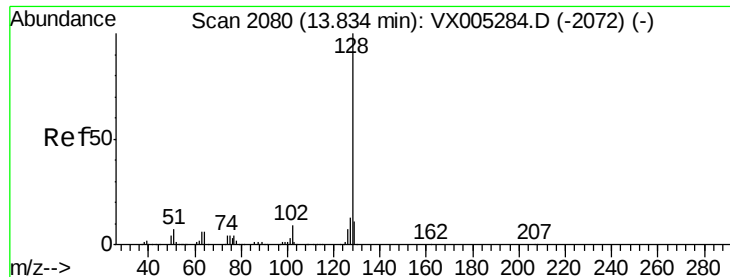
Tgt Ion:180 Resp: 90822  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 48.4 145.0  
 145 27.9 14.3 42.9



#94  
 Hexachlorobutadiene  
 Concen: 19.79 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: VX005381.D  
 Acq: 17 Oct 2018 09:31

Tgt Ion:225 Resp: 48344  
 Ion Ratio Lower Upper  
 225 100  
 223 61.8 30.1 90.5  
 227 62.7 30.8 92.4





#95

Naphthalene

Concen: 19.96 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1017MBS01

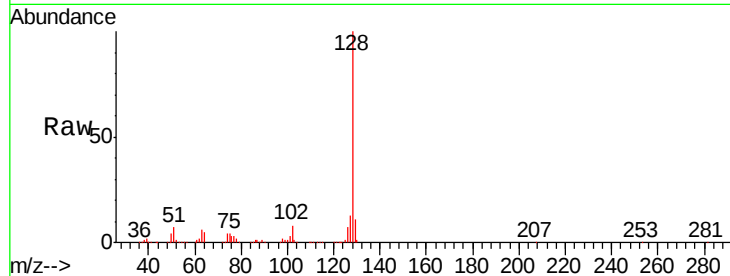
Tgt Ion:128 Resp: 267851

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

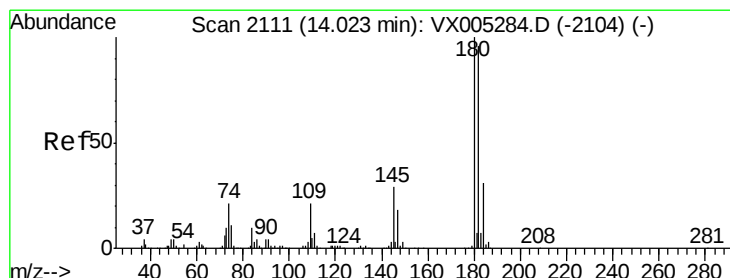
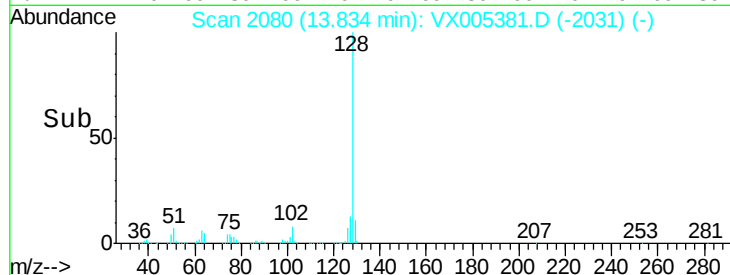
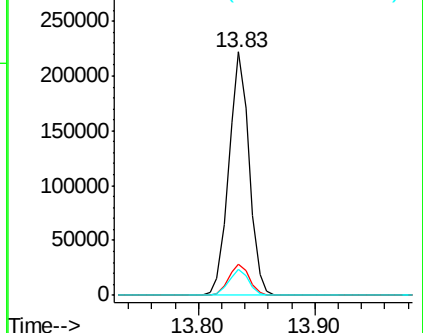
129 10.7 8.6 12.8



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: 20.01 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005381.D

Acq: 17 Oct 2018 09:31

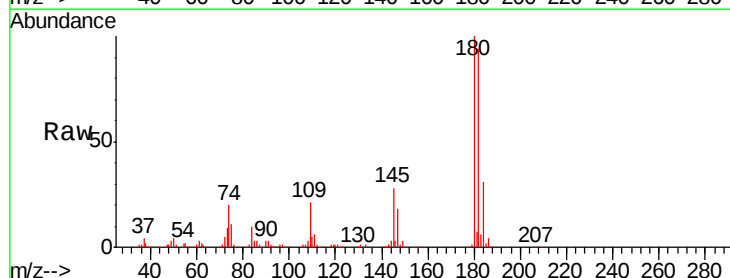
Tgt Ion:180 Resp: 94697

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 29.0 14.9 44.9



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

