

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\  
 Data File : VX018354.D  
 Acq On : 11 Sep 2020 12:09  
 Operator : JC/SP  
 Sample : VX0911WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 12 05:43:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 04 12:13:41 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 4.98  | 128  | 76778    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.83  | 114  | 405424   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.10 | 117  | 387569   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.03   | 65    | 189520   | 31.29    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 104.30% |
| 60) 4-Bromofluorobenzene  | 11.12  | 95    | 199166   | 29.65    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 98.83%  |
| 63) Toluene-d8            | 8.70   | 98    | 502563   | 29.42    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 98.07%  |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 80741  | 19.874  | ug/l 97    |
| 3) Chloromethane              | 1.31 | 50  | 81654  | 18.921  | ug/l 100   |
| 4) Vinyl Chloride             | 1.39 | 62  | 87974  | 19.360  | ug/l 100   |
| 5) Bromomethane               | 1.64 | 94  | 63346  | 20.489  | ug/l 100   |
| 6) Chloroethane               | 1.72 | 64  | 53988  | 19.548  | ug/l 99    |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 154454 | 20.057  | ug/l 98    |
| 8) Diethyl Ether              | 2.17 | 74  | 47327  | 19.494  | ug/l 97    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 79713  | 20.260  | ug/l 99    |
| 10) 1,1-Dichloroethene        | 2.36 | 96  | 76190  | 19.727  | ug/l 92    |
| 11) Methyl Iodide             | 2.49 | 142 | 73548  | 20.129  | ug/l 98    |
| 12) Methyl Acetate            | 2.75 | 43  | 100087 | 19.686  | ug/l 100   |
| 13) Acrolein                  | 2.27 | 56  | 46951  | 114.429 | ug/l 96    |
| 14) Acrylonitrile             | 3.11 | 53  | 222809 | 96.719  | ug/l 99    |
| 15) Acetone                   | 2.42 | 58  | 61710  | 98.525  | ug/l 85    |
| 16) Carbon Disulfide          | 2.55 | 76  | 215910 | 19.199  | ug/l 99    |
| 17) Allyl chloride            | 2.71 | 41  | 135447 | 19.621  | ug/l 99    |
| 18) Methylene Chloride        | 2.84 | 84  | 89799  | 19.810  | ug/l 98    |
| 19) trans-1,2-Dichloroethene  | 3.14 | 96  | 83540  | 19.482  | ug/l 98    |
| 20) Diisopropyl ether         | 3.82 | 45  | 275827 | 20.183  | ug/l 97    |
| 21) 1,1-Dichloroethane        | 3.67 | 63  | 156373 | 19.935  | ug/l 99    |
| 22) cis-1,2-Dichloroethene    | 4.56 | 96  | 95456  | 20.119  | ug/l 98    |
| 23) tert-Butyl Alcohol        | 3.01 | 59  | 97257  | 97.424  | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 3.17 | 73  | 266338 | 19.397  | ug/l 99    |
| 25) Chloroform                | 5.17 | 83  | 163756 | 19.561  | ug/l 97    |
| 26) Cyclohexane               | 5.55 | 56  | 127464 | 20.132  | ug/l # 51  |
| 29) 1,1-Dichloropropene       | 5.76 | 75  | 115537 | 18.669  | ug/l 99    |
| 30) 2-Butanone                | 4.63 | 43  | 319266 | 94.218  | ug/l 100   |
| 31) 2,2-Dichloropropane       | 4.55 | 77  | 146252 | 19.565  | ug/l 100   |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 159164 | 19.649  | ug/l 100   |
| 33) Carbon Tetrachloride      | 5.76 | 117 | 145442 | 19.268  | ug/l 98    |
| 34) Benzene                   | 6.12 | 78  | 340398 | 19.269  | ug/l 97    |
| 35) Methacrylonitrile         | 4.99 | 41  | 65661  | 18.387  | ug/l 88    |
| 36) 1,2-Dichloroethane        | 6.16 | 62  | 140338 | 19.195  | ug/l # 100 |
| 37) Trichloroethene           | 7.18 | 130 | 98028  | 19.190  | ug/l 94    |
| 38) Methylcyclohexane         | 7.44 | 83  | 126934 | 19.256  | ug/l 98    |
| 39) 1,2-Dichloropropane       | 7.49 | 63  | 90706  | 19.171  | ug/l 99    |
| 40) Dibromomethane            | 7.64 | 93  | 63483  | 18.580  | ug/l 96    |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 12 05:43:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 04 12:13:41 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 41) Bromodichloromethane       | 7.87  | 83   | 134634   | 19.012  | ug/l   | 95       |
| 42) Vinyl Acetate              | 3.78  | 43   | 1201405  | 95.030  | ug/l   | 99       |
| 43) Ethyl Acetate              | 4.79  | 43   | 122743   | 18.216  | ug/l   | 98       |
| 44) Isopropyl Acetate          | 6.41  | 43   | 200681   | 18.481  | ug/l   | 97       |
| 45) 1,4-Dioxane                | 7.71  | 88   | 34860    | 384.270 | ug/l # | 89       |
| 46) Methyl methacrylate        | 7.74  | 41   | 96870    | 18.126  | ug/l   | 93       |
| 47) n-amyl Acetate             | 10.88 | 43   | 173366   | 18.169  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene      | 9.02  | 75   | 146057   | 19.201  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene    | 8.42  | 75   | 151228   | 18.925  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane      | 9.20  | 97   | 89768    | 18.854  | ug/l   | 93       |
| 51) Ethyl methacrylate         | 9.16  | 69   | 127593   | 18.500  | ug/l   | 95       |
| 52) 1,3-Dichloropropane        | 9.35  | 76   | 148290   | 18.765  | ug/l   | 98       |
| 53) Dibromochloromethane       | 9.56  | 129  | 110660   | 18.693  | ug/l   | 99       |
| 54) 1,2-Dibromoethane          | 9.65  | 107  | 97677    | 18.701  | ug/l   | 96       |
| 55) 2-Chloroethyl vinyl ether  | 8.29  | 63   | 338595   | 94.013  | ug/l   | 98       |
| 56) Bromoform                  | 10.84 | 173  | 82951    | 18.442  | ug/l   | 96       |
| 58) 4-Methyl-2-Pentanone       | 8.62  | 43   | 629793   | 94.477  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 475644   | 94.202  | ug/l   | 99       |
| 61) Tetrachloroethene          | 9.32  | 164  | 95090    | 19.672  | ug/l   | 88       |
| 62) Toluene                    | 8.76  | 91   | 369373   | 18.937  | ug/l   | 98       |
| 64) Chlorobenzene              | 10.12 | 112  | 237737   | 18.967  | ug/l   | 95       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 98695    | 19.442  | ug/l   | 95       |
| 66) Ethyl Benzene              | 10.23 | 91   | 406205   | 18.848  | ug/l   | 94       |
| 67) m/p-Xylenes                | 10.34 | 106  | 314993   | 38.218  | ug/l   | 99       |
| 68) o-Xylene                   | 10.68 | 106  | 147635   | 18.957  | ug/l   | 99       |
| 69) Styrene                    | 10.70 | 104  | 255532   | 18.807  | ug/l   | 99       |
| 70) Isopropylbenzene           | 11.00 | 105  | 406585   | 18.773  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 132645   | 18.742  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane     | 11.28 | 75   | 162262   | 23.863  | ug/l   | 91       |
| 73) Bromobenzene               | 11.24 | 156  | 114414   | 19.284  | ug/l   | 97       |
| 74) n-propylbenzene            | 11.34 | 91   | 479700   | 18.811  | ug/l   | 99       |
| 75) 2-Chlorotoluene            | 11.40 | 91   | 287442   | 18.597  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 358717   | 19.012  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene    | 11.05 | 75   | 47708    | 18.054  | ug/l   | 94       |
| 78) 4-Chlorotoluene            | 11.49 | 91   | 346676   | 18.802  | ug/l   | 100      |
| 79) tert-butylbenzene          | 11.76 | 119  | 340111   | 18.713  | ug/l   | 97       |
| 80) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 365606   | 19.593  | ug/l   | 100      |
| 81) sec-Butylbenzene           | 11.93 | 105  | 398441   | 18.769  | ug/l   | 100      |
| 82) p-Isopropyltoluene         | 12.05 | 119  | 373312   | 18.860  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene        | 12.01 | 146  | 202275   | 19.067  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene        | 12.08 | 146  | 198726   | 18.735  | ug/l   | 99       |
| 85) n-Butylbenzene             | 12.37 | 91   | 325603   | 18.684  | ug/l   | 99       |
| 86) Hexachloroethane           | 12.58 | 117  | 72837    | 18.690  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene        | 12.38 | 146  | 190628   | 19.190  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 32321    | 17.852  | ug/l   | 96       |
| 89) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 127405   | 18.957  | ug/l   | 99       |
| 90) Hexachlorobutadiene        | 13.76 | 225  | 59849    | 21.053  | ug/l   | 97       |
| 91) Naphthalene                | 13.82 | 128  | 384323   | 18.323  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 125089   | 18.814  | ug/l   | 98       |

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Sample : VX0911WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Sep 12 05:43:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Sep 04 12:13:41 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

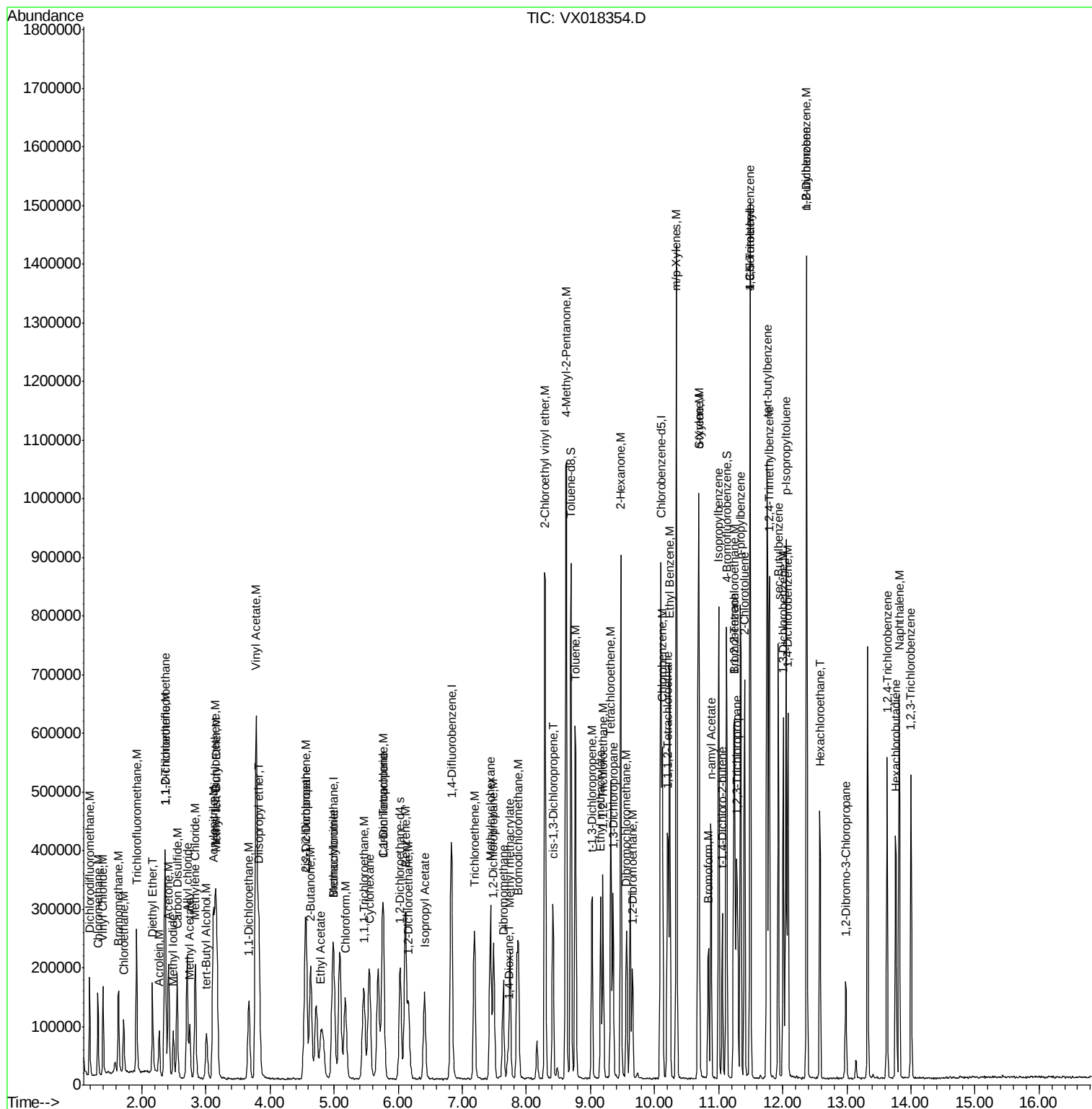
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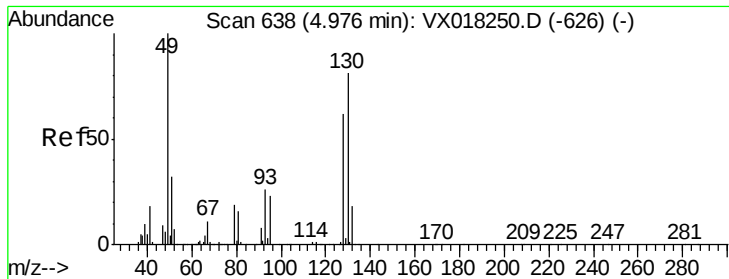
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091120\  
Data File : VX018354.D  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :

Quant Time: Sep 12 05:43:42 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Sep 04 12:13:41 2020  
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampleId :

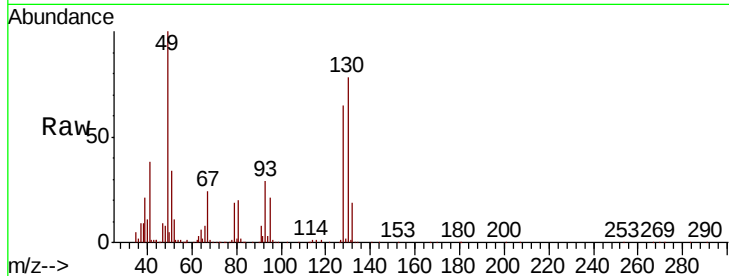
Tot Ion:128 Resp: 76778

Ion Ratio Lower Upper

128 100

49 155.8 0.0 392.0

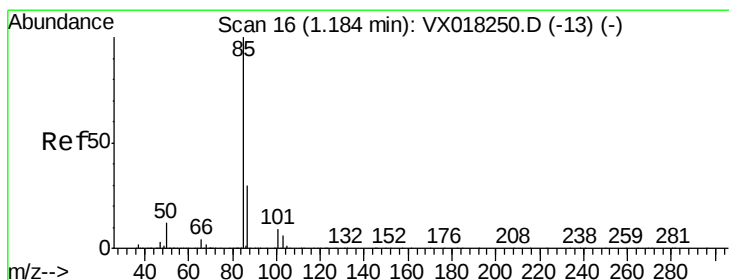
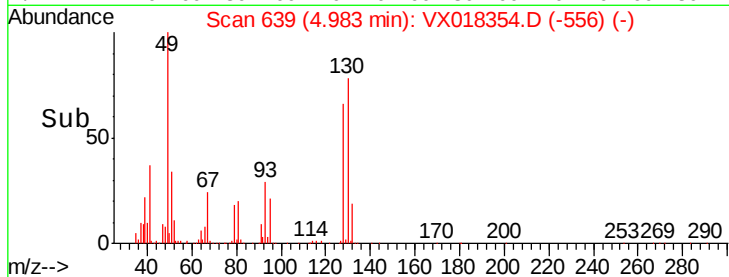
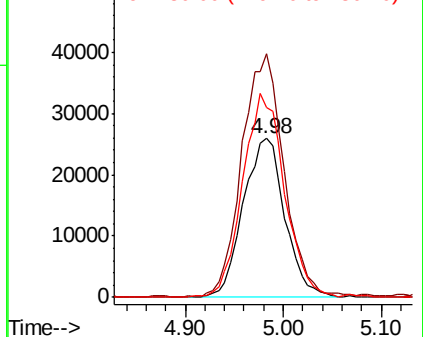
130 128.5 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.874 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018354.D

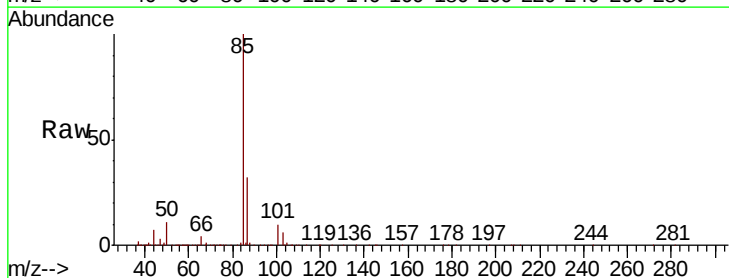
Acq: 11 Sep 2020 12:09

Tgt Ion: 85 Resp: 80741

Ion Ratio Lower Upper

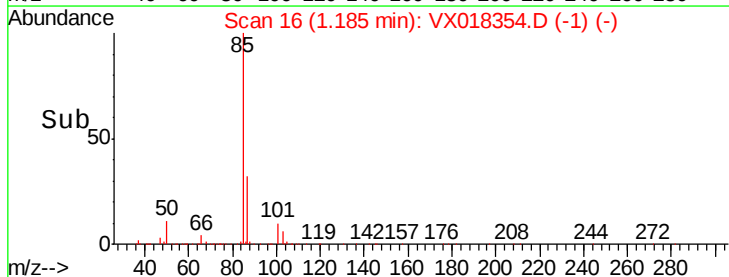
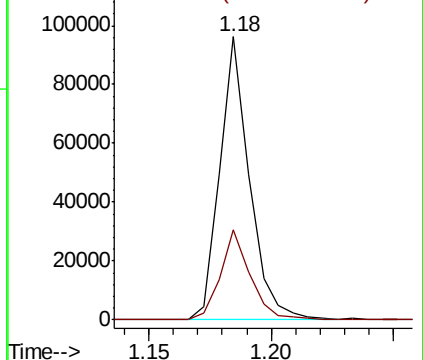
85 100

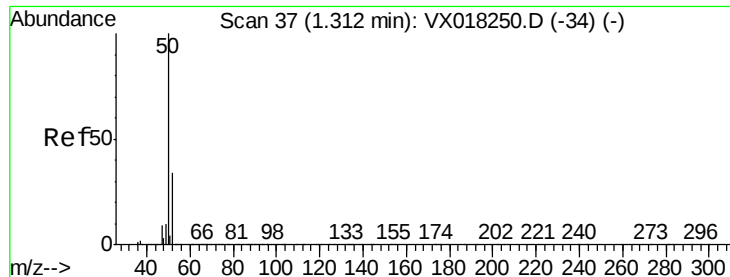
87 31.6 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

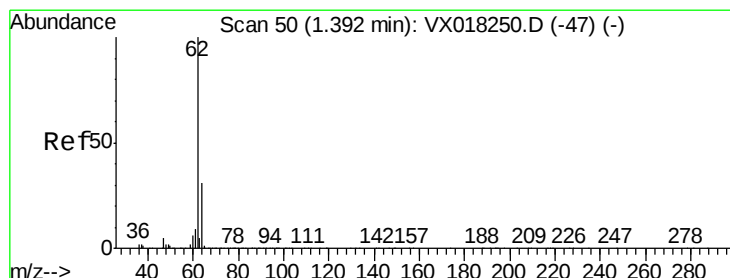
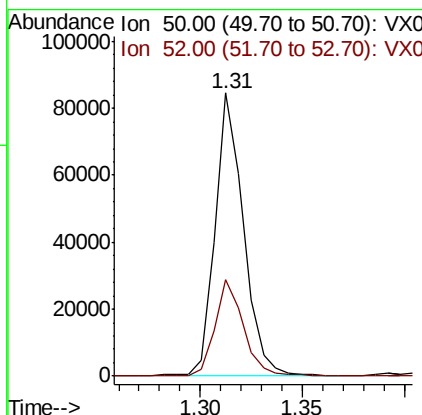
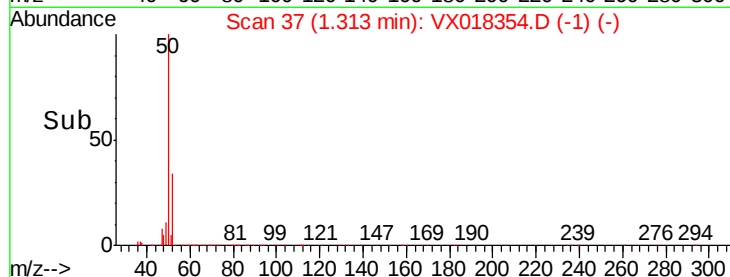
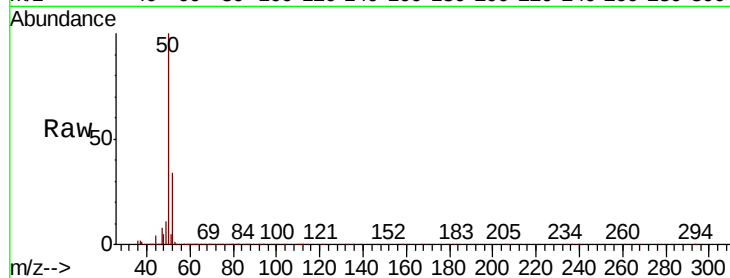




#3  
Chloromethane  
Concen: 18.921 ug/l  
RT: 1.31 min Scan# 37  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

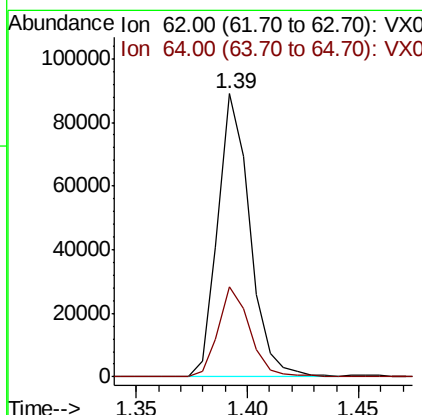
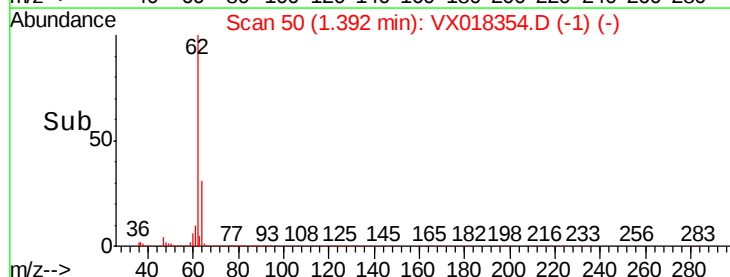
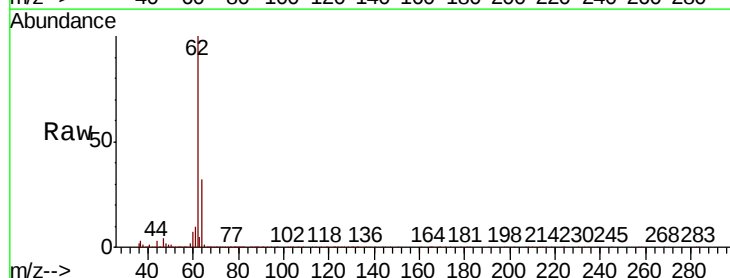
Instrument :  
MSVOA\_X  
ClientSampleId :

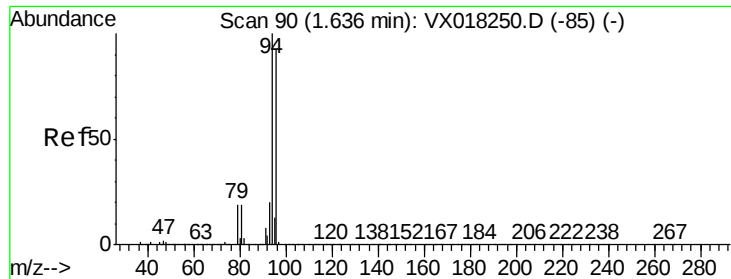
Tot Ion: 50 Resp: 81654  
Ion Ratio Lower Upper  
50 100  
52 33.9 27.1 40.7



#4  
Vinyl Chloride  
Concen: 19.360 ug/l  
RT: 1.39 min Scan# 50  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion: 62 Resp: 87974  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.2 37.8





#5

Bromomethane

Concen: 20.489 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

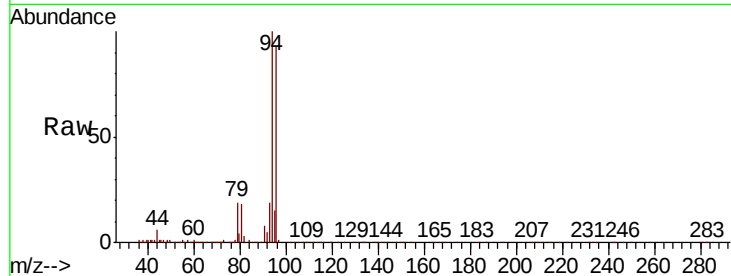
ClientSampled :

Tot Ion: 94 Resp: 63346

Ion Ratio Lower Upper

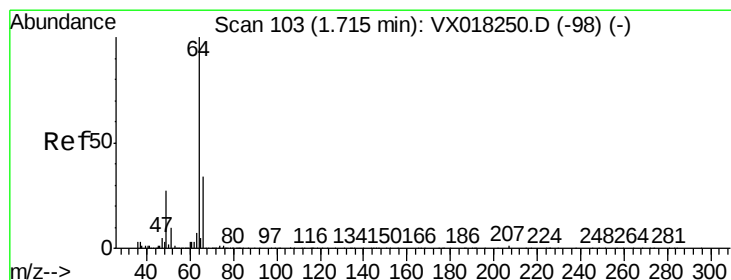
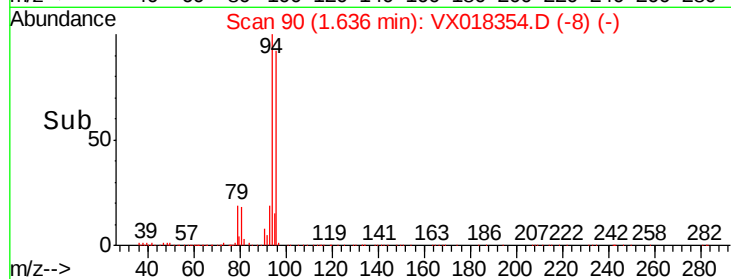
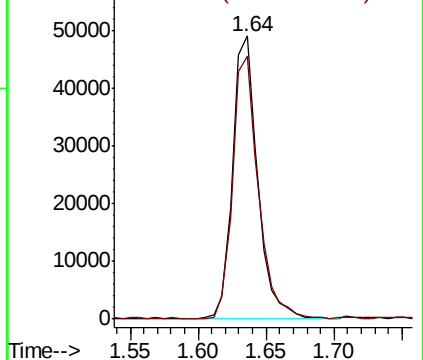
94 100

96 92.4 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.548 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018354.D

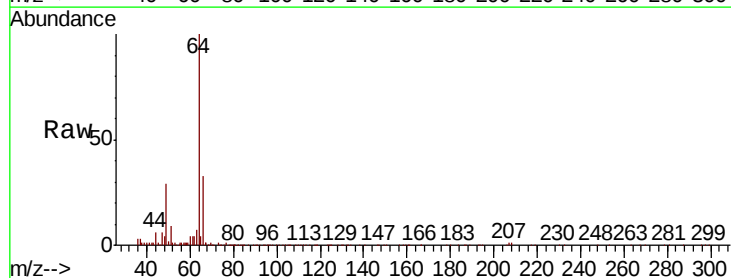
Acq: 11 Sep 2020 12:09

Tgt Ion: 64 Resp: 53988

Ion Ratio Lower Upper

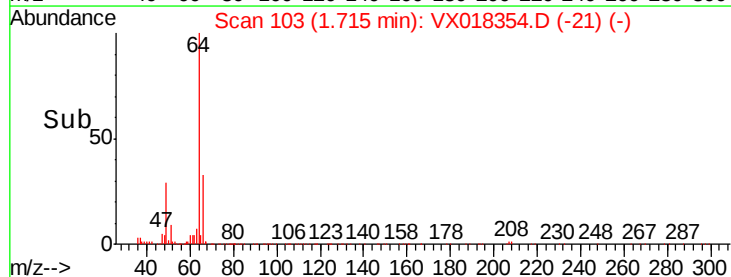
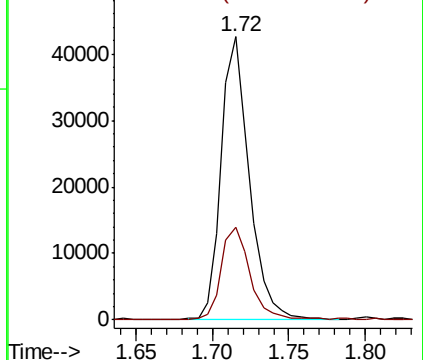
64 100

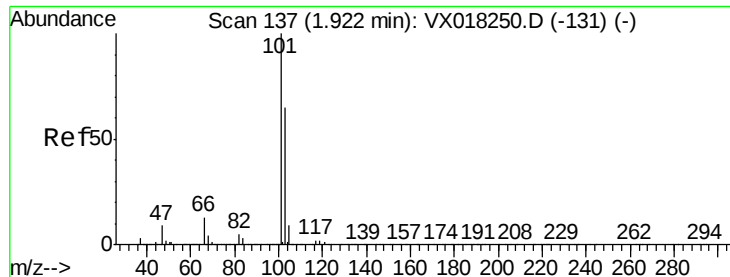
66 32.9 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



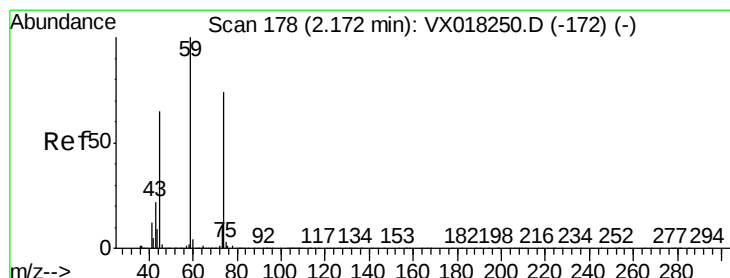
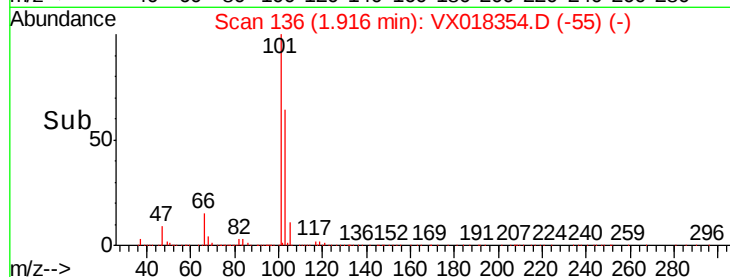
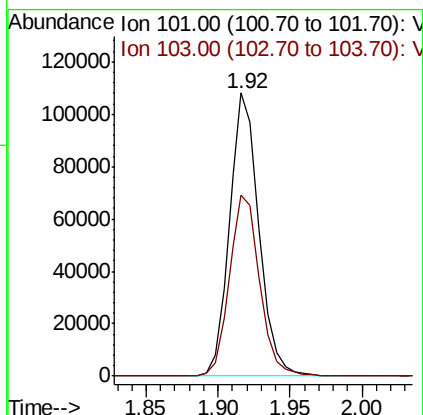
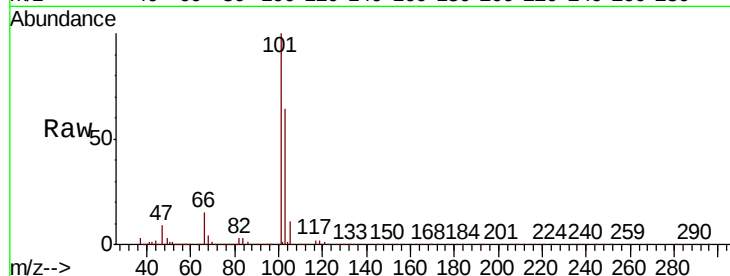


#7

Trichlorofluoromethane  
Concen: 20.057 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. -0.01 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Instrument :  
MSVOA\_X  
ClientSampleId :

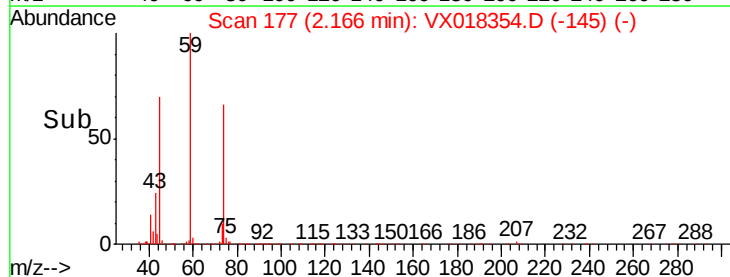
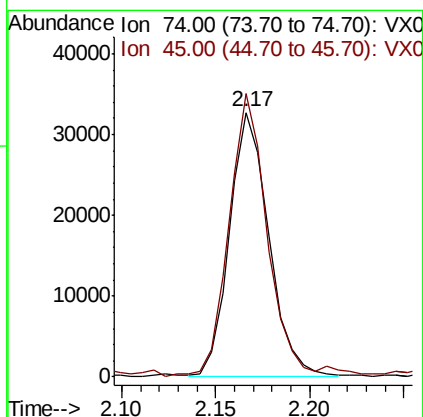
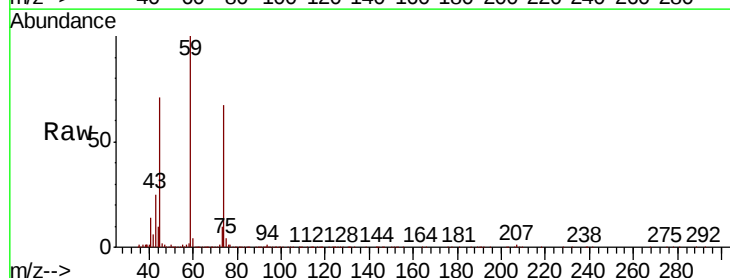
Tot Ion:101 Resp: 154454  
Ion Ratio Lower Upper  
101 100  
103 64.0 52.3 78.5

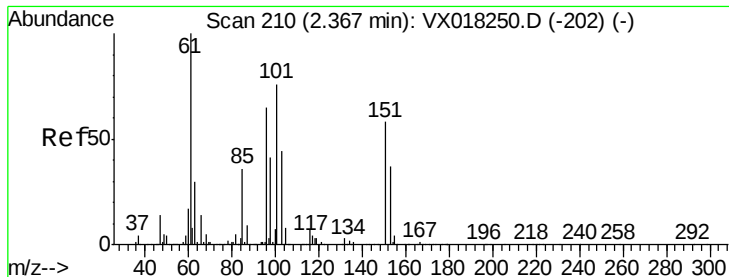


#8

Diethyl Ether  
Concen: 19.494 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. -0.01 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion: 74 Resp: 47327  
Ion Ratio Lower Upper  
74 100  
45 99.6 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.260 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018354.D

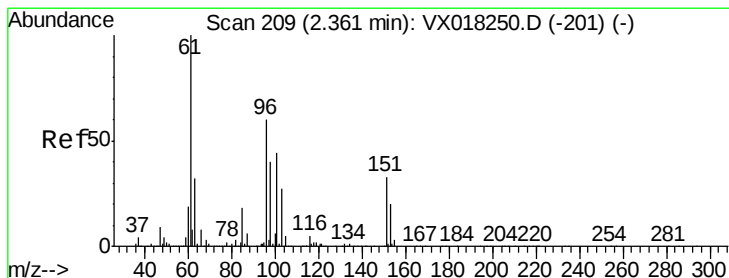
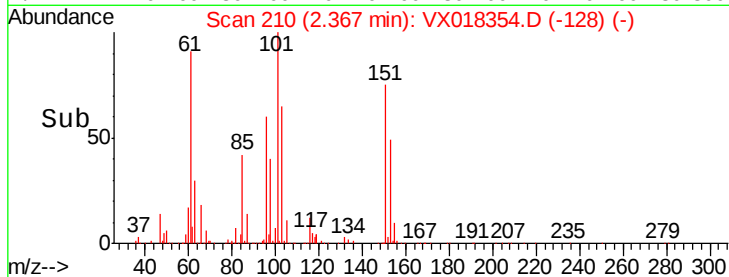
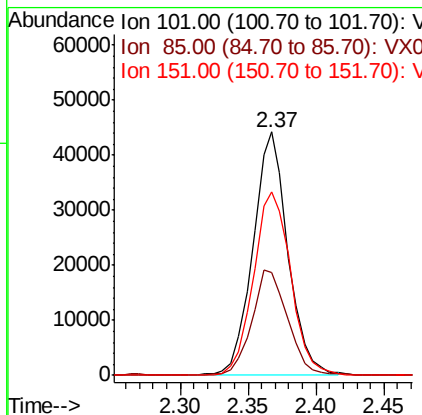
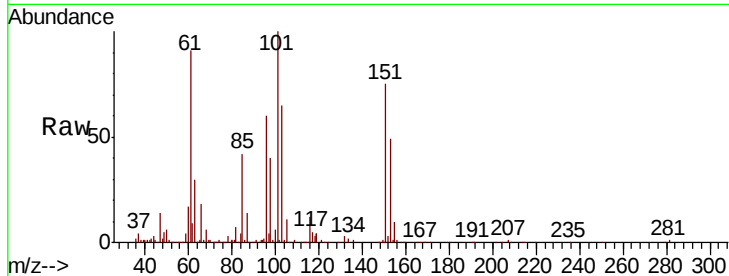
Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 101   | Resp: | 79713 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 44.5  | 0.0   | 87.8  |
| 151      | 80.1  | 0.0   | 161.4 |



#10

1,1-Dichloroethene

Concen: 19.727 ug/l

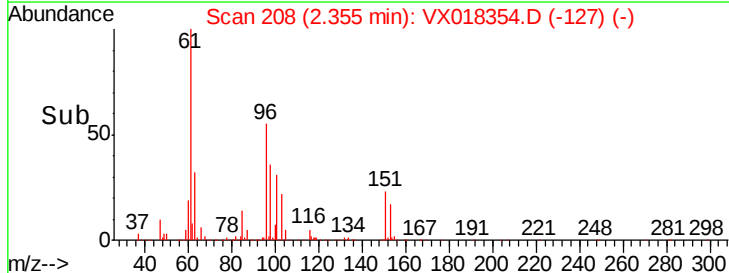
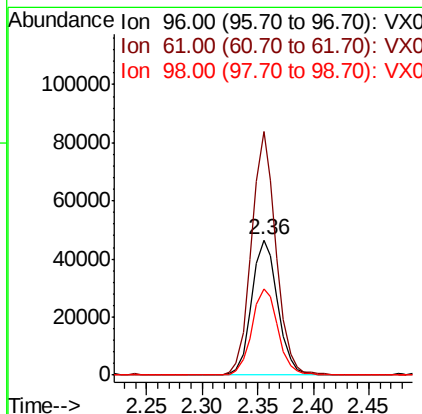
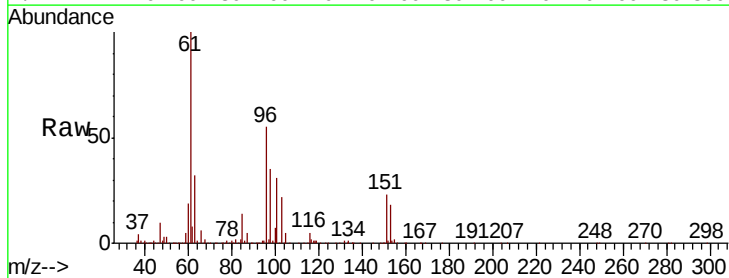
RT: 2.36 min Scan# 208

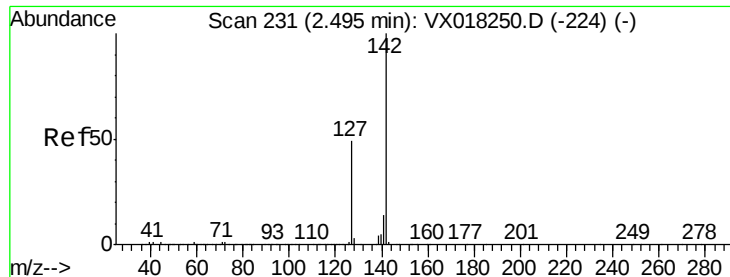
Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 76190 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 180.3 | 132.5 | 198.7 |
| 98       | 63.8  | 52.4  | 78.6  |

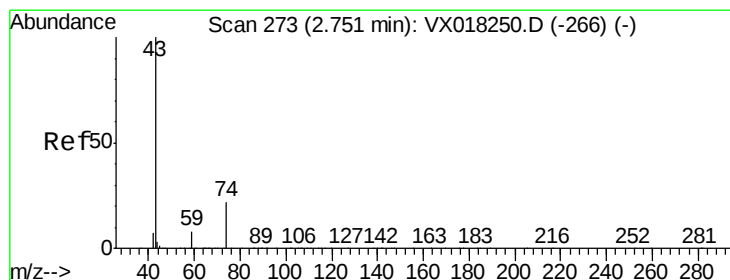
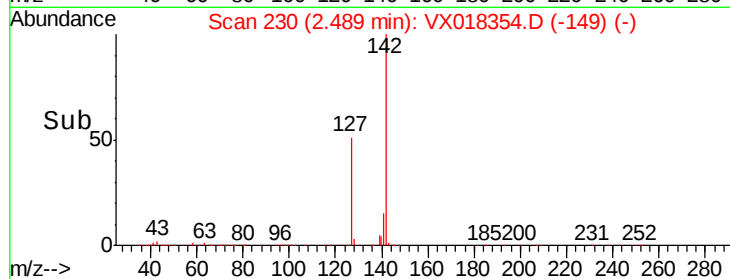
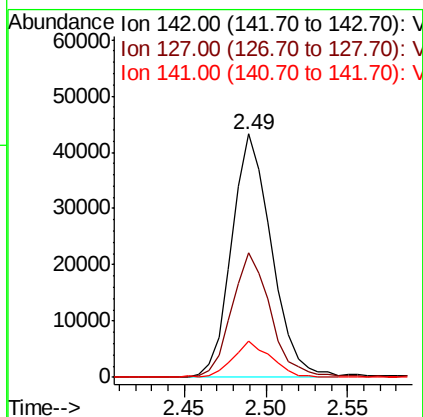
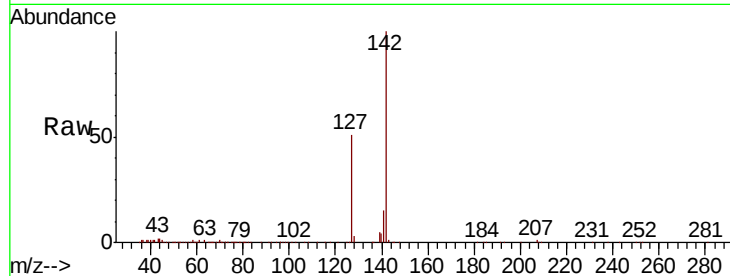




#11  
Methvl Iodide  
Concen: 20.129 ug/l  
RT: 2.49 min Scan# 230  
Delta R.T. -0.01 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

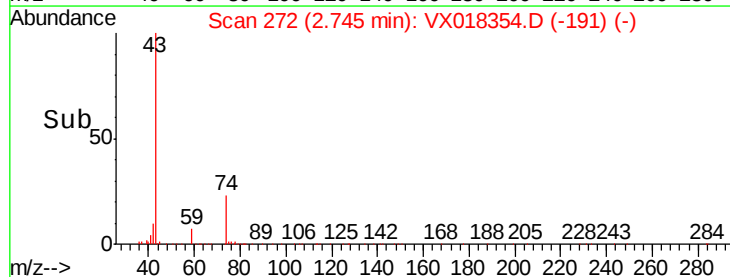
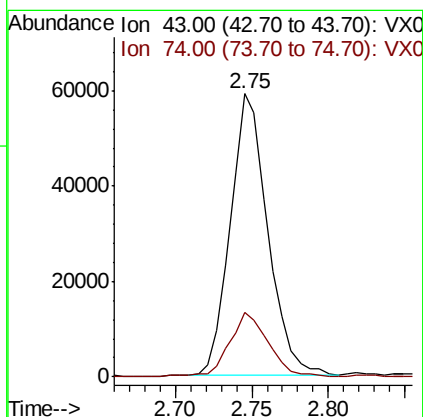
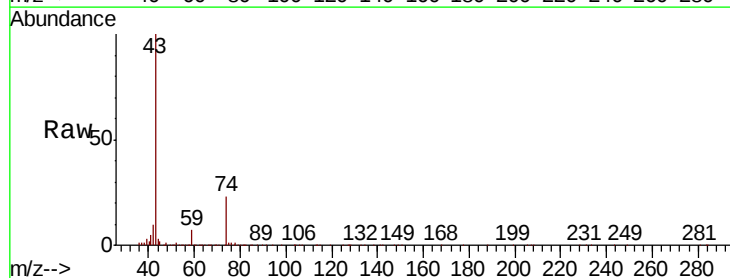
Instrument :  
MSVOA\_X  
ClientSampleId :

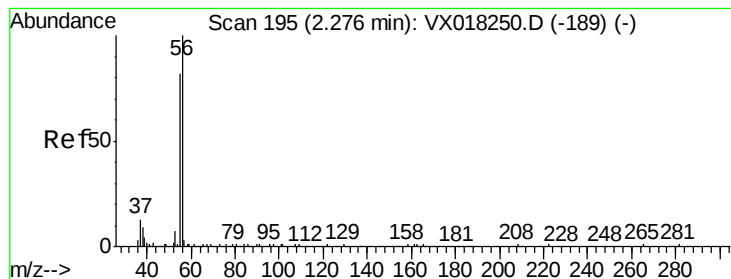
Tot Ion:142 Resp: 73548  
Ion Ratio Lower Upper  
142 100  
127 50.6 24.6 74.0  
141 14.3 7.0 21.0



#12  
Methyl Acetate  
Concen: 19.686 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion: 43 Resp: 100087  
Ion Ratio Lower Upper  
43 100  
74 22.7 18.0 27.0





#13

Acrolein

Concen: 114.429 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

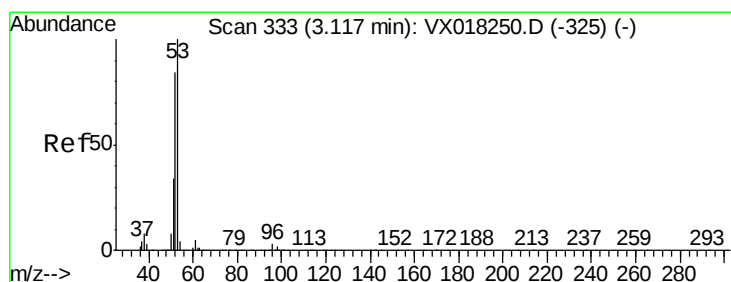
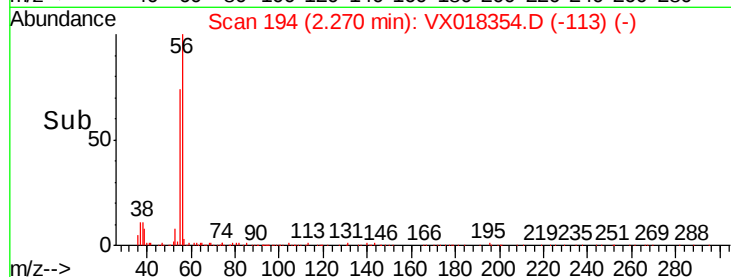
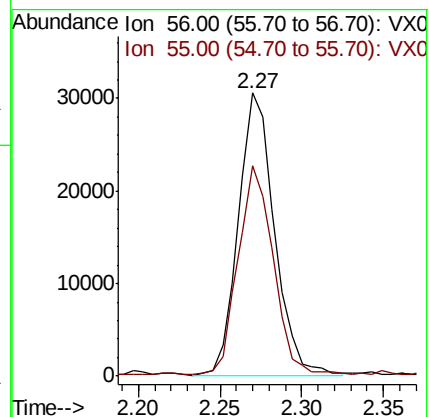
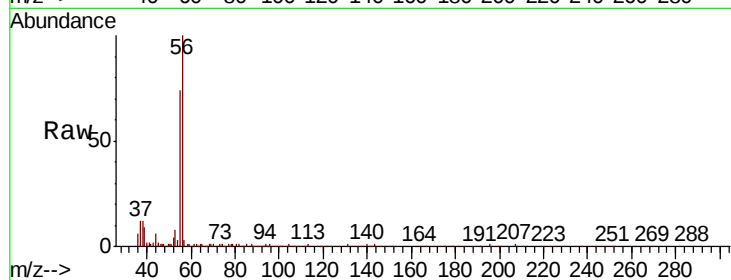
ClientSampleId :

Tot Ion: 56 Resp: 46951

Ion Ratio Lower Upper

56 100

55 71.4 59.7 89.5



#14

Acrylonitrile

Concen: 96.719 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

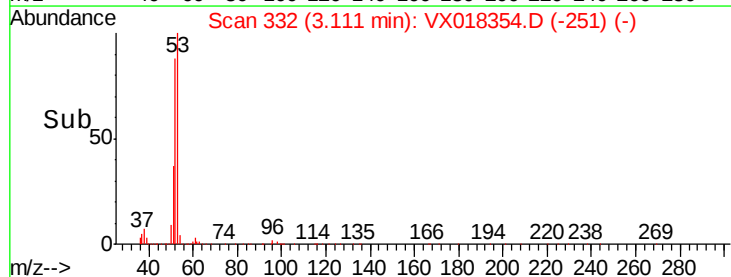
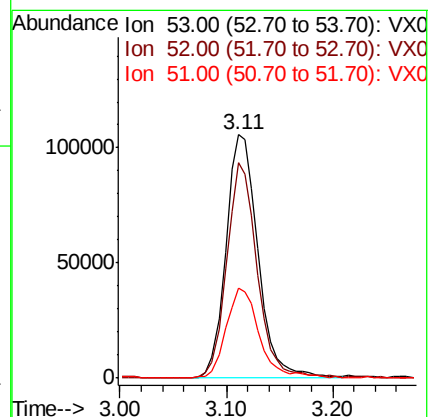
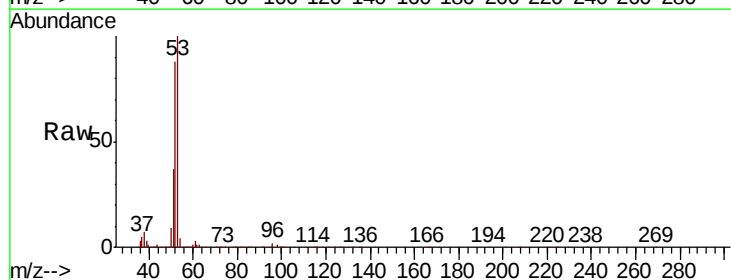
Tgt Ion: 53 Resp: 222809

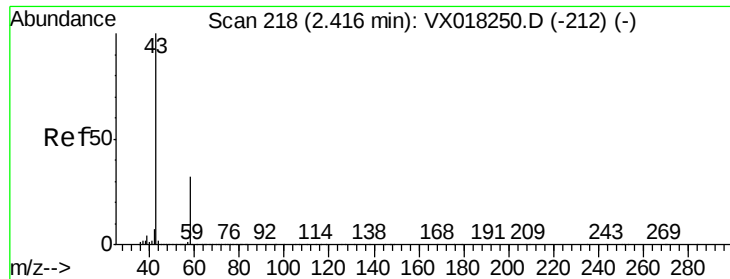
Ion Ratio Lower Upper

53 100

52 83.9 41.9 125.7

51 37.7 18.3 54.8





#15

Acetone

Concen: 98.525 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

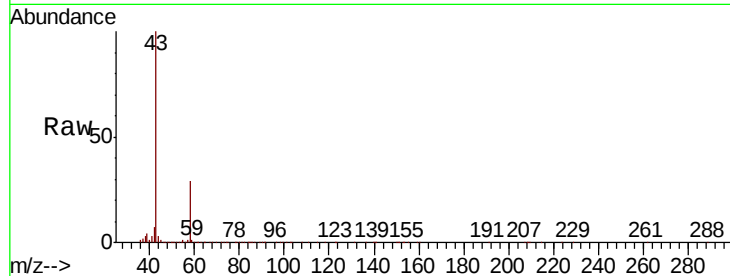
ClientSampled :

Tot Ion: 58 Resp: 61710

Ion Ratio Lower Upper

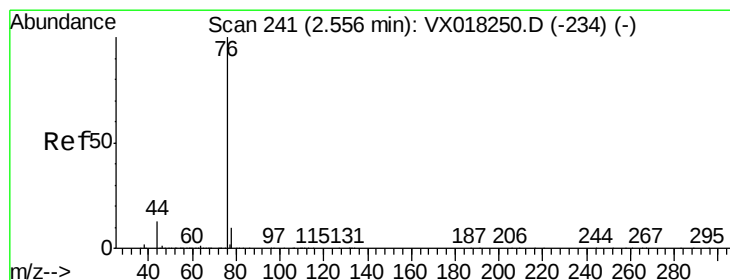
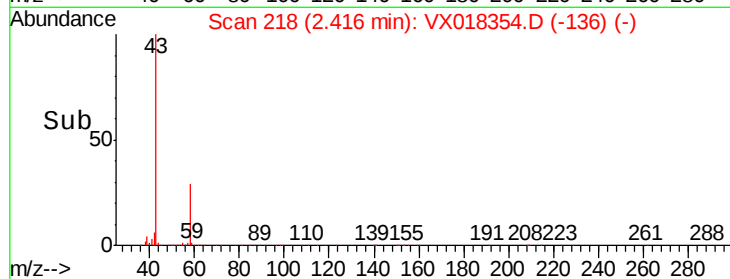
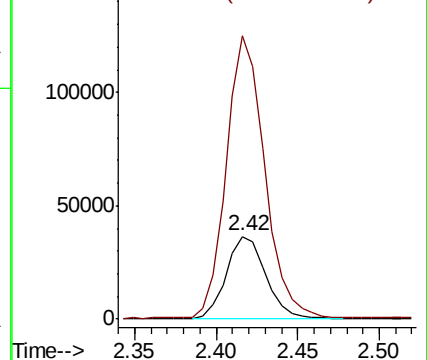
58 100

43 341.3 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.199 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018354.D

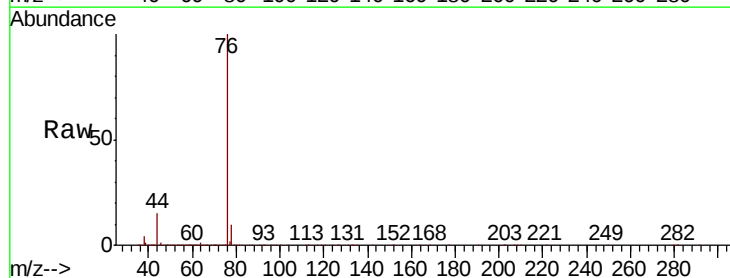
Acq: 11 Sep 2020 12:09

Tgt Ion: 76 Resp: 215910

Ion Ratio Lower Upper

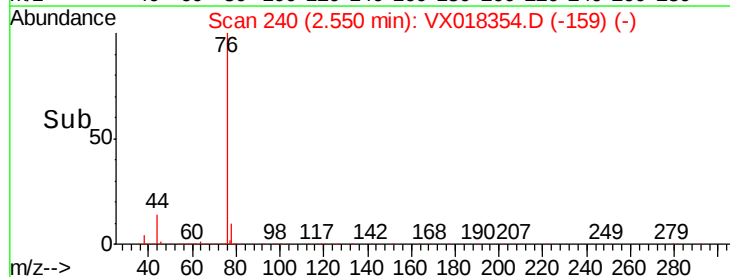
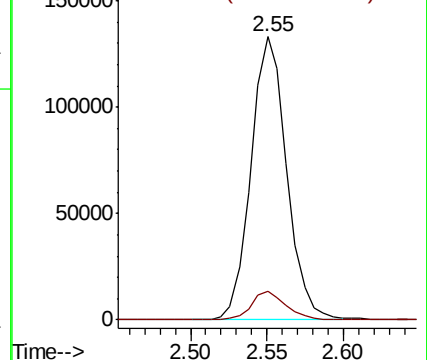
76 100

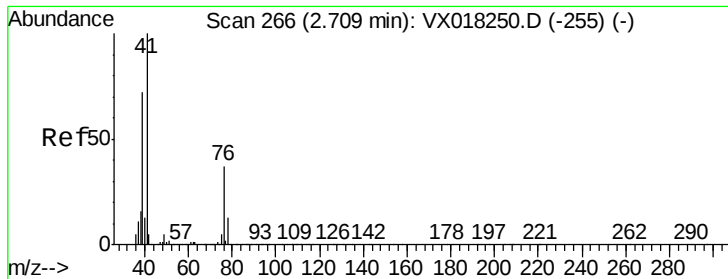
78 9.9 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

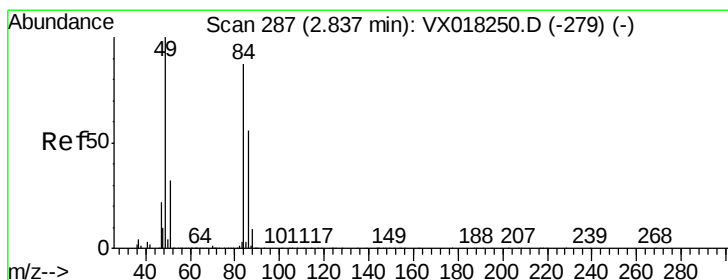
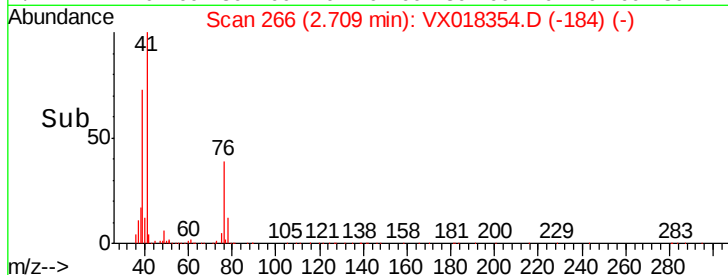
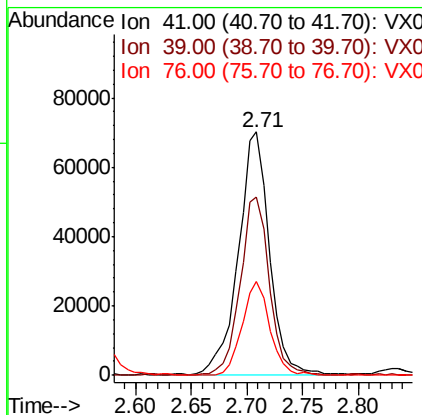
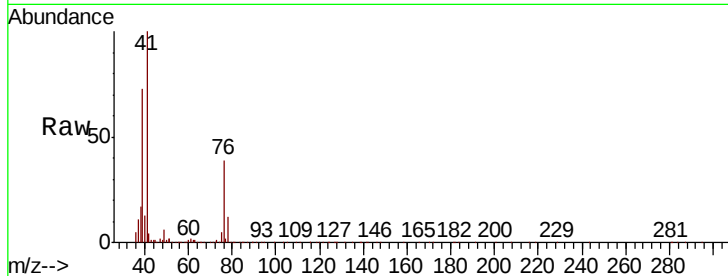




#17  
Allvl chloride  
Concen: 19.621 ug/l  
RT: 2.71 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

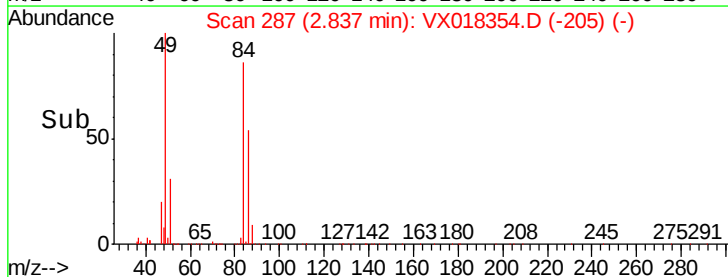
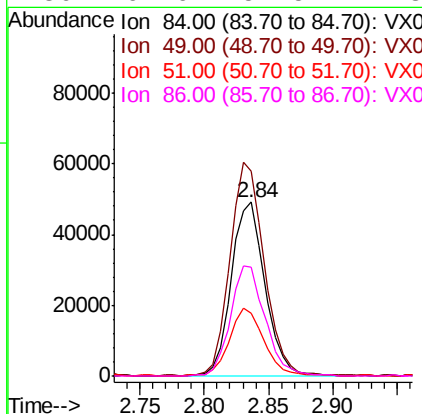
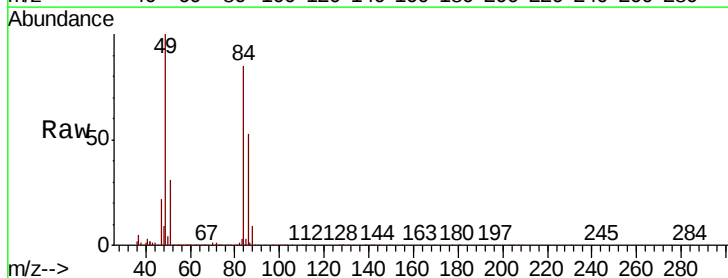
Instrument :  
MSVOA\_X  
ClientSampleId :

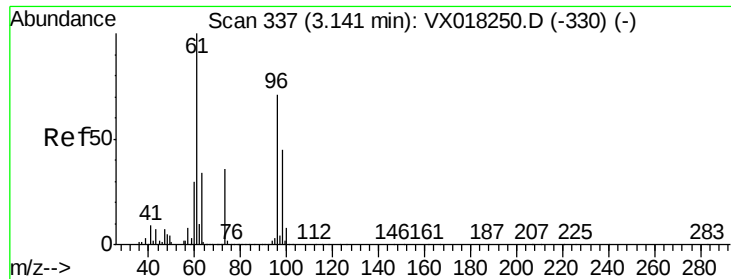
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 73.0  | 36.0  | 108.1 |
| 76      | 38.5  | 18.6  | 55.6  |



#18  
Methylene Chloride  
Concen: 19.810 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 117.5 | 91.6  | 137.4 |
| 51      | 36.3  | 29.4  | 44.0  |
| 86      | 62.6  | 51.5  | 77.3  |





#19

trans-1,2-Dichloroethene

Concen: 19.482 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampleId :

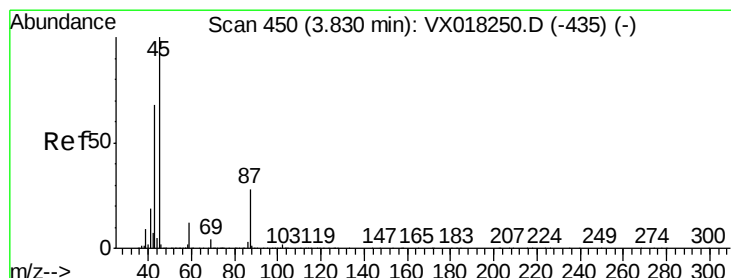
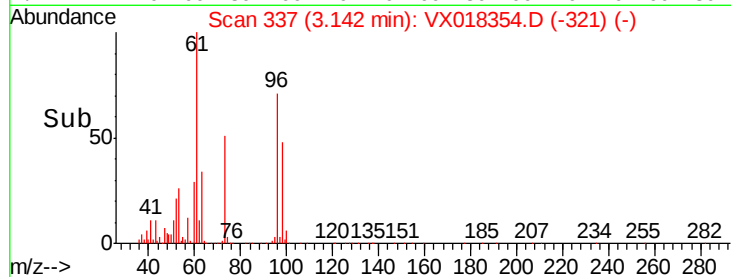
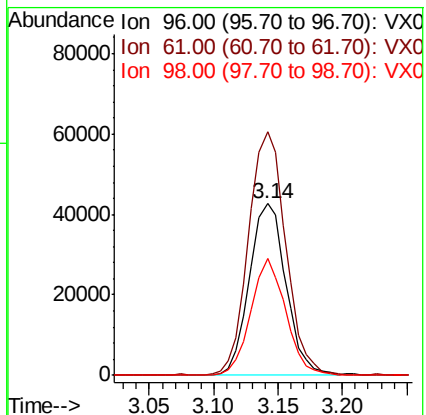
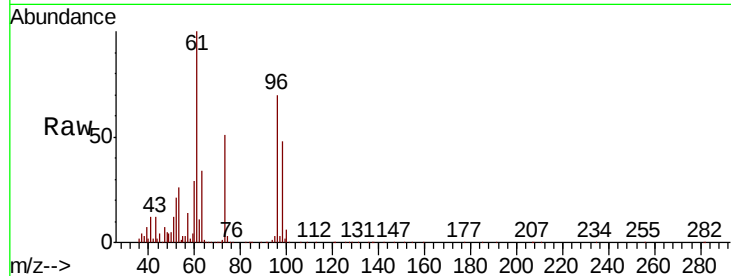
Tot Ion: 96 Resp: 83540

Ion Ratio Lower Upper

96 100

61 141.8 112.8 169.2

98 68.4 51.0 76.4



#20

Diisopropyl ether

Concen: 20.183 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion: 45 Resp: 275827

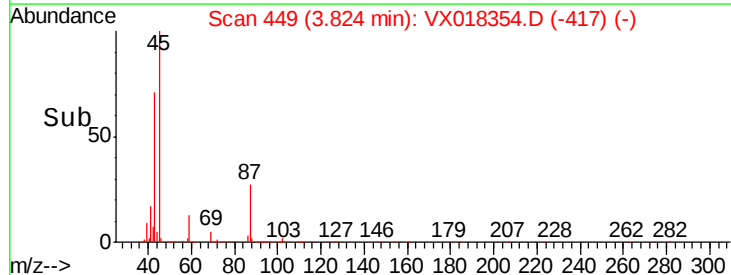
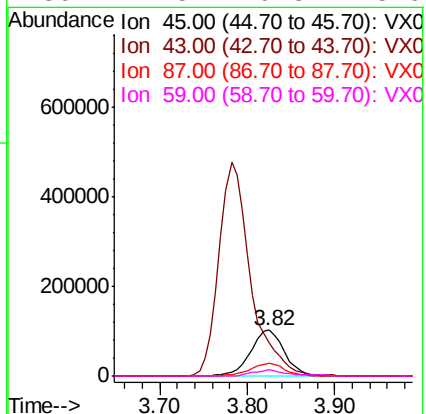
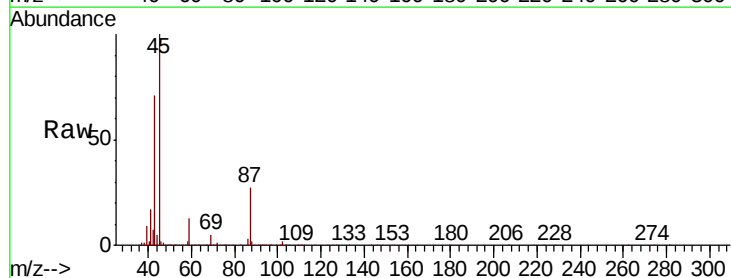
Ion Ratio Lower Upper

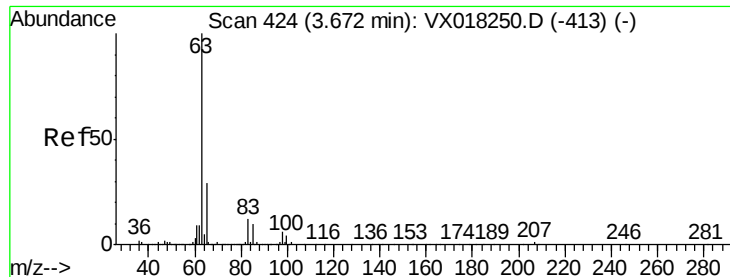
45 100

43 70.8 54.5 81.7

87 27.3 22.2 33.2

59 12.5 9.3 13.9





#21

1,1-Dichloroethane

Concen: 19.935 ug/l

RT: 3.67 min Scan# 423

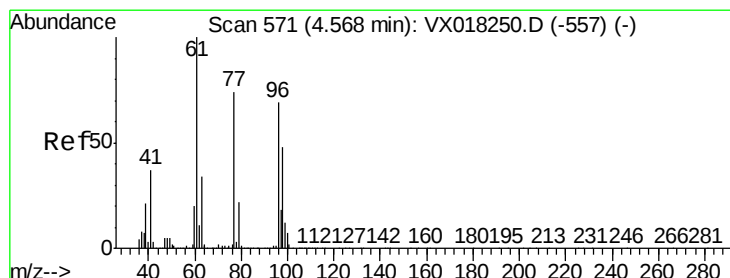
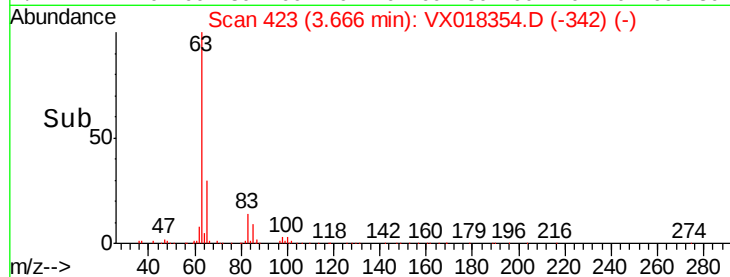
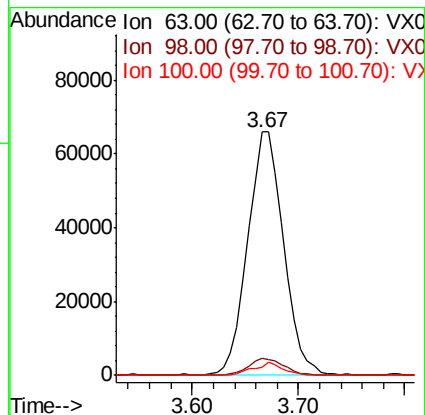
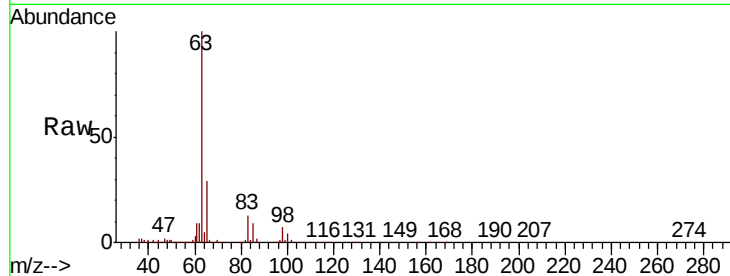
Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 63    | Resp: | 156373 |
| Ion      | Ratio | Lower | Upper  |
| 63       | 100   |       |        |
| 98       | 6.8   | 3.2   | 9.6    |
| 100      | 3.5   | 2.1   | 6.3    |



#22

cis-1,2-Dichloroethene

Concen: 20.119 ug/l

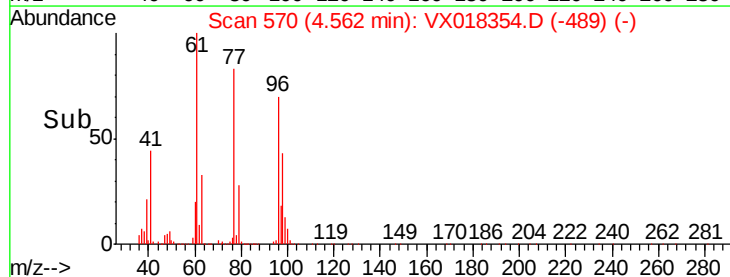
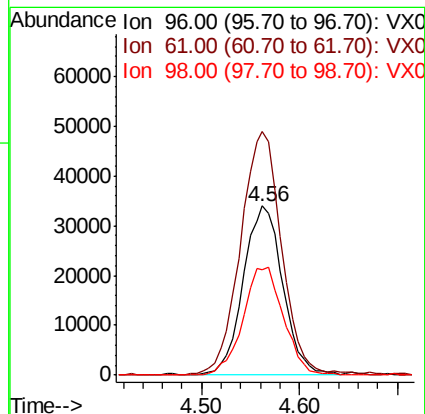
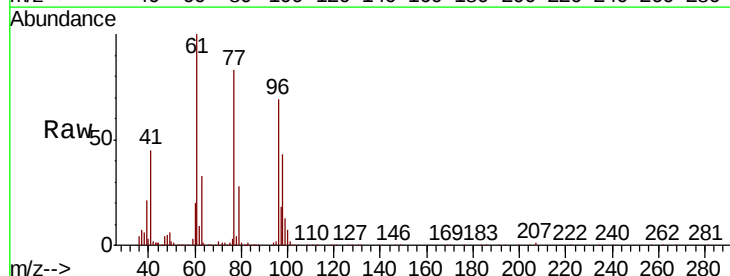
RT: 4.56 min Scan# 570

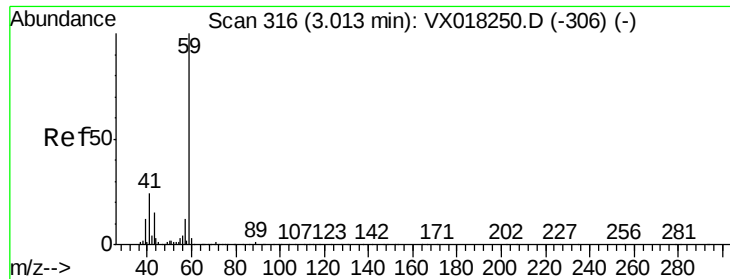
Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 95456 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 147.9 | 116.2 | 174.4 |
| 98       | 64.5  | 52.5  | 78.7  |



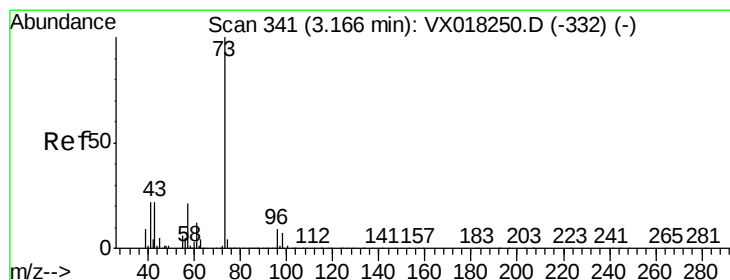
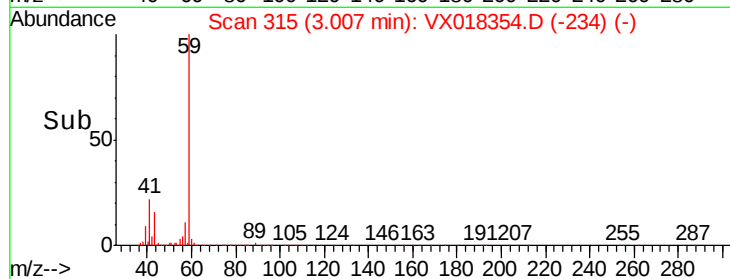
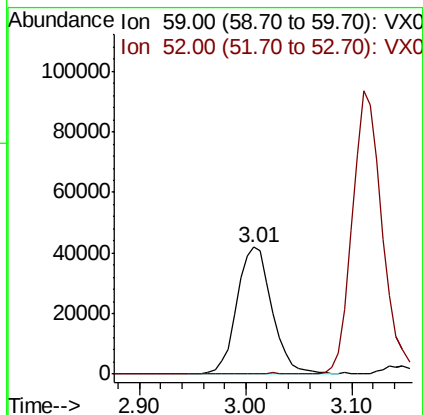
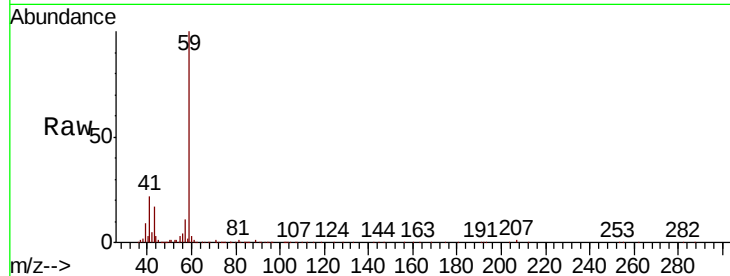


#23

tert-Butyl Alcohol  
 Concen: 97.424 ug/l  
 RT: 3.01 min Scan# 315  
 Delta R.T. -0.01 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :

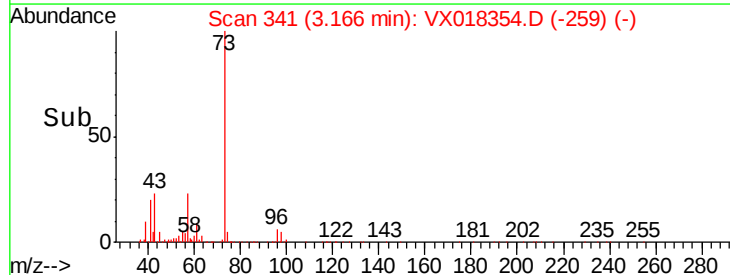
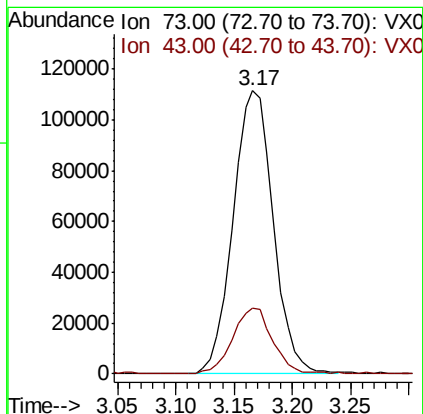
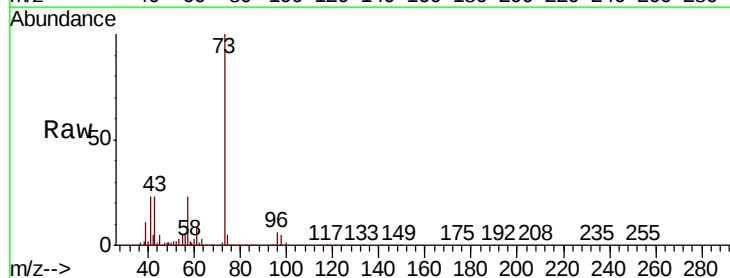
Tot Ion: 59 Resp: 97257  
 Ion Ratio Lower Upper  
 59 100  
 52 0.2 0.4 0.6#

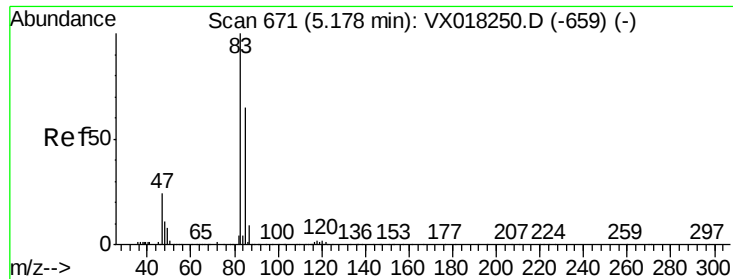


#24

Methyl tert-Butyl Ether  
 Concen: 19.397 ug/l  
 RT: 3.17 min Scan# 341  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

Tgt Ion: 73 Resp: 266338  
 Ion Ratio Lower Upper  
 73 100  
 43 22.8 17.8 26.6





#25

Chloroform

Concen: 19.561 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

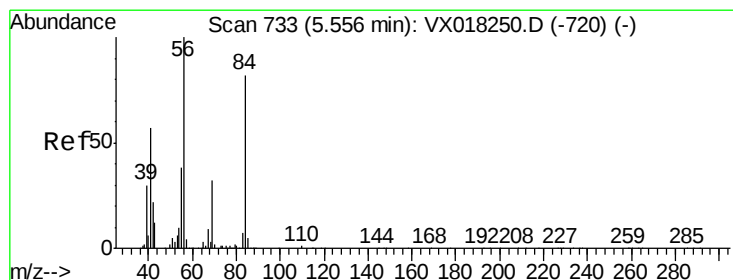
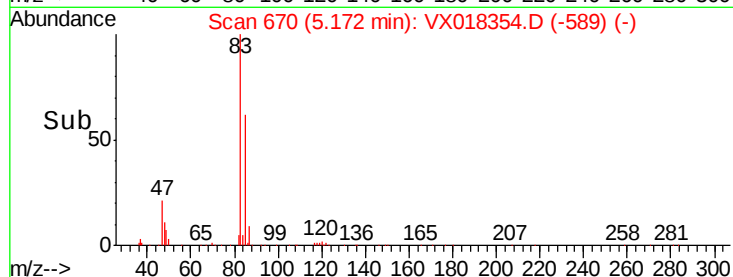
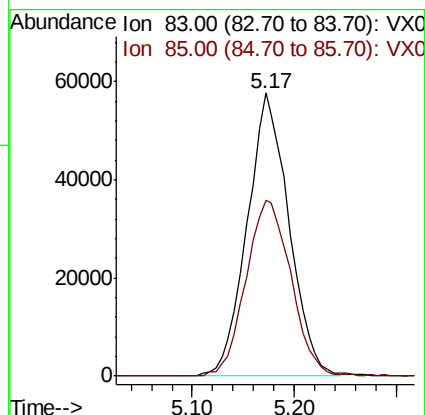
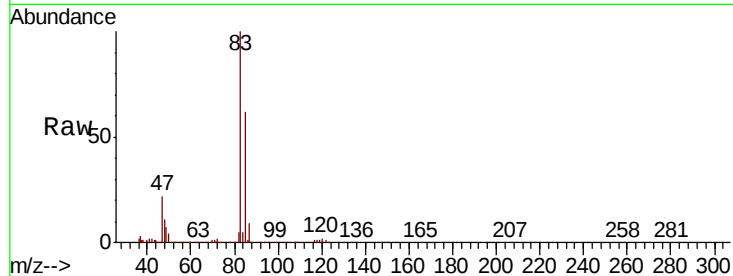
ClientSampleId :

Tot Ion: 83 Resp: 163756

Ion Ratio Lower Upper

83 100

85 62.1 51.6 77.4



#26

Cyclohexane

Concen: 20.132 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

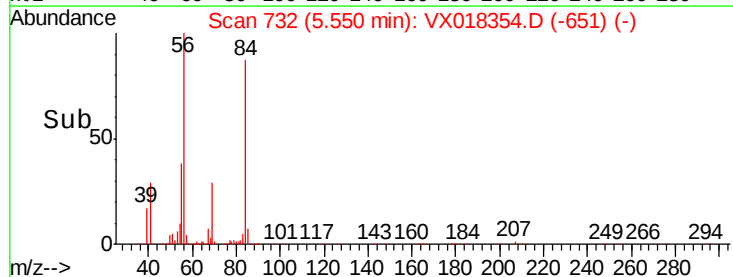
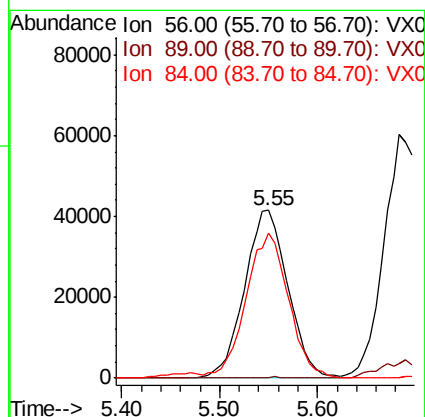
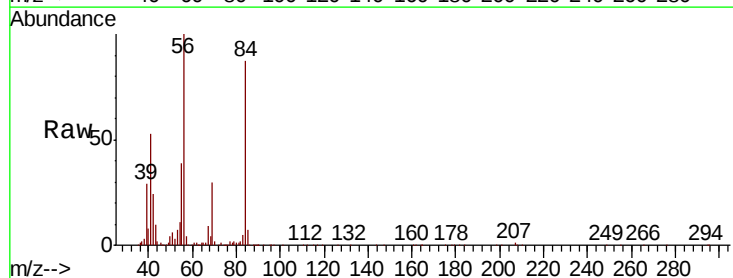
Tgt Ion: 56 Resp: 127464

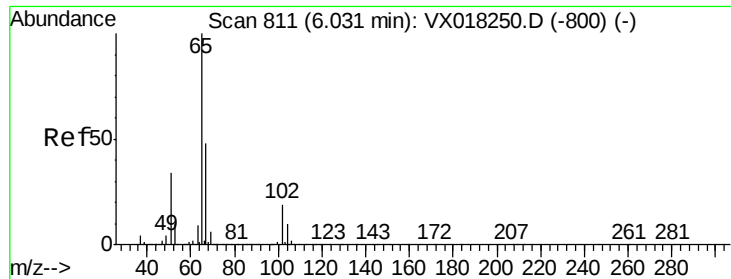
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 85.1 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 31.288 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

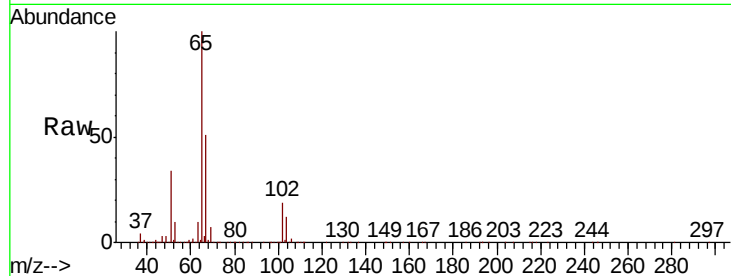
ClientSampleId :

Tot Ion: 65 Resp: 189520

Ion Ratio Lower Upper

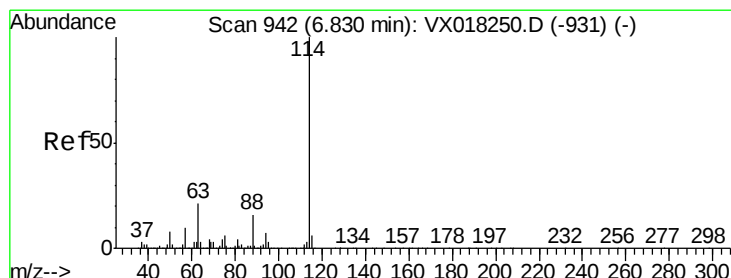
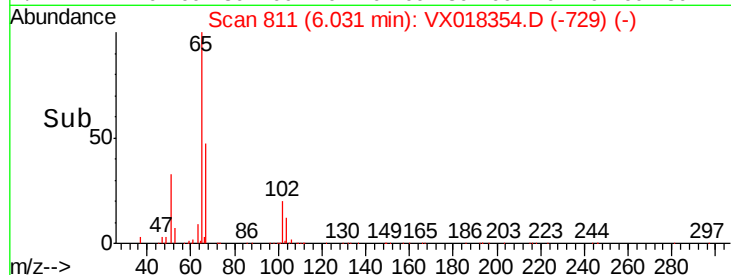
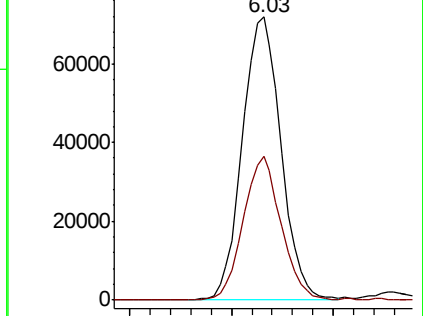
65 100

67 49.5 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

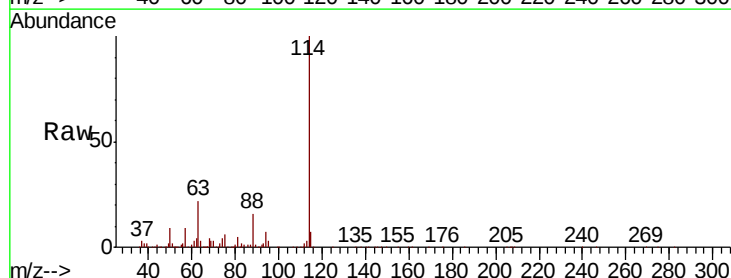
Tgt Ion: 114 Resp: 405424

Ion Ratio Lower Upper

114 100

63 21.0 16.7 25.1

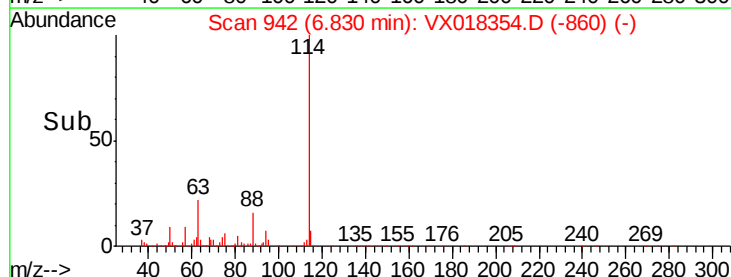
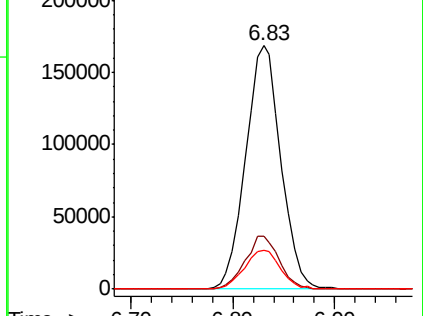
88 16.4 12.6 18.8

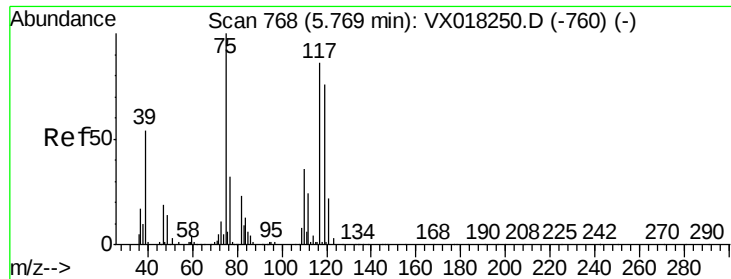


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

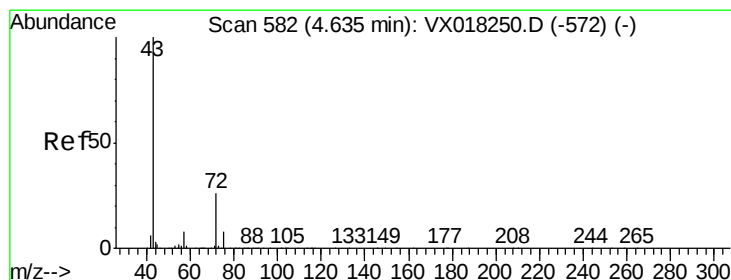
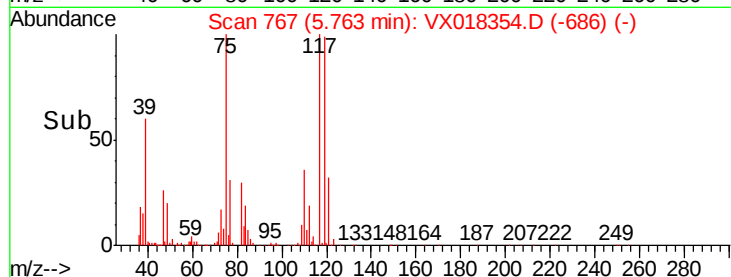
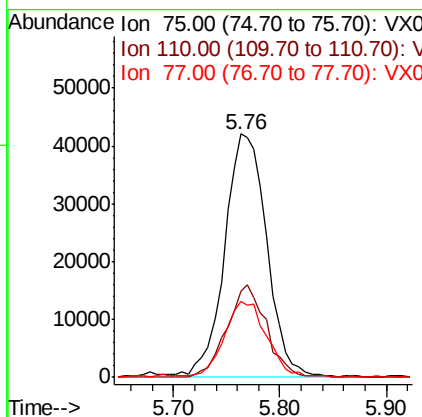
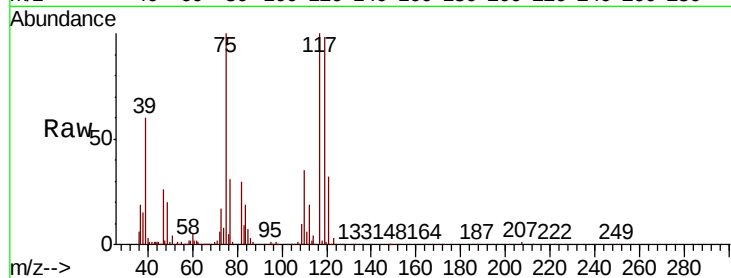




#29  
 1,1-Dichloropropene  
 Concen: 18.669 ug/l  
 RT: 5.76 min Scan# 767  
 Delta R.T. -0.01 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

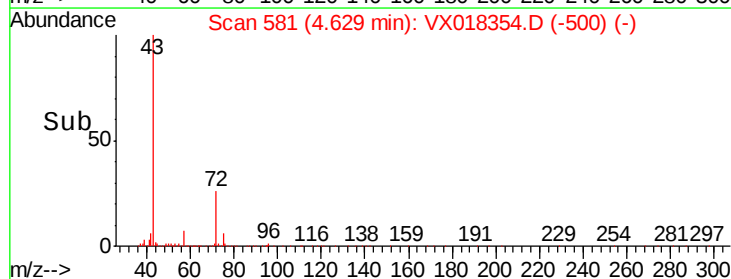
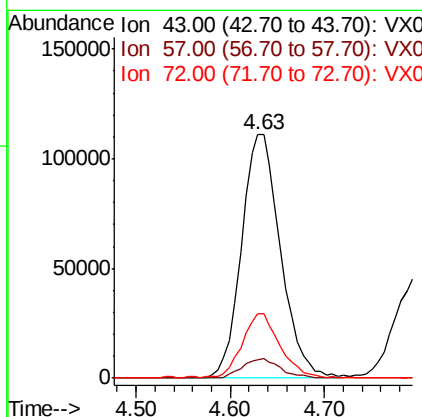
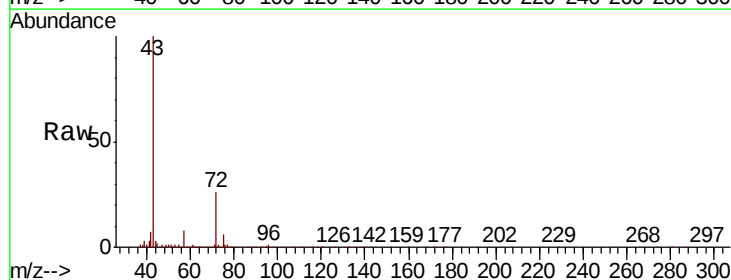
Instrument :  
 MSVOA\_X  
 ClientSampled :

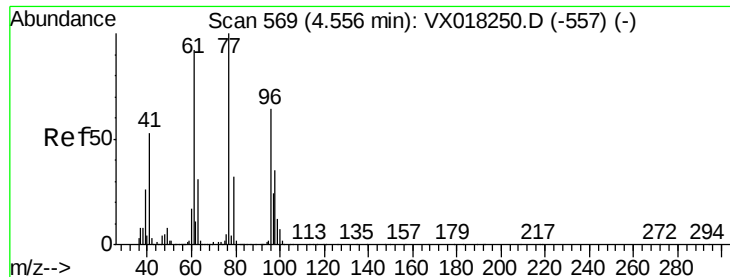
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.7  | 0.0   | 72.2  |
| 77      | 31.0  | 0.0   | 61.0  |



#30  
 2-Butanone  
 Concen: 94.218 ug/l  
 RT: 4.63 min Scan# 581  
 Delta R.T. -0.01 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 7.8   | 6.7   | 10.1  |
| 72      | 25.0  | 20.0  | 30.0  |





#31

2,2-Dichloropropane

Concen: 19.565 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

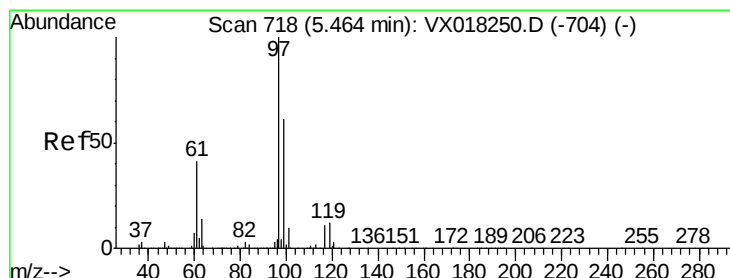
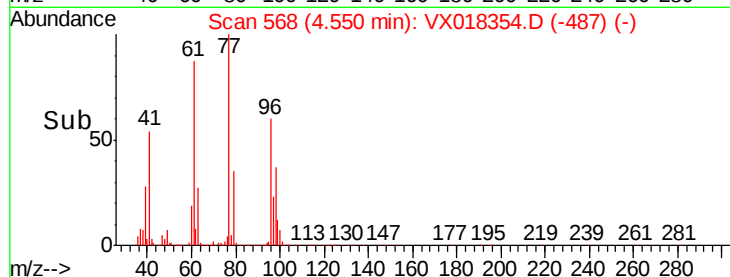
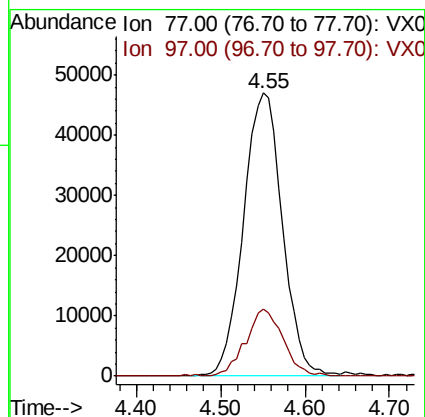
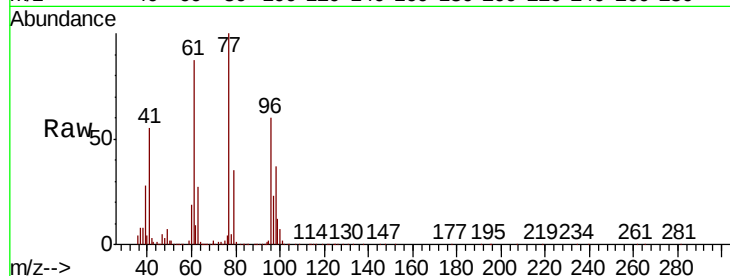
ClientSampleId :

Tot Ion: 77 Resp: 146252

Ion Ratio Lower Upper

77 100

97 22.7 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 19.649 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

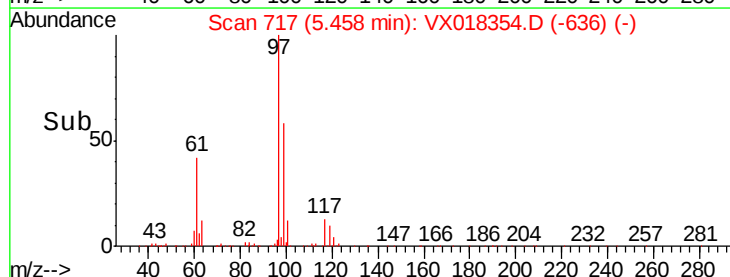
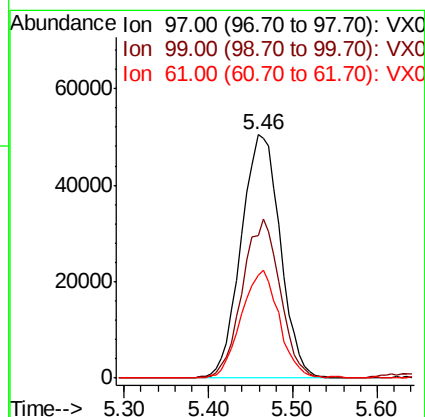
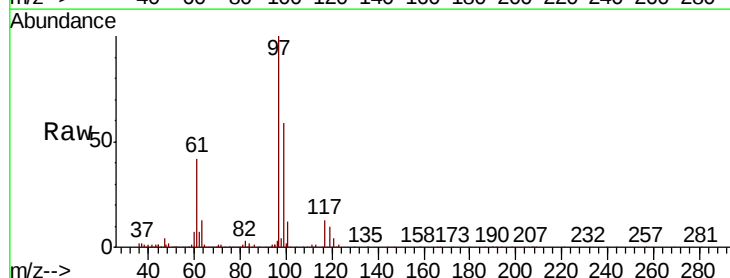
Tgt Ion: 97 Resp: 159164

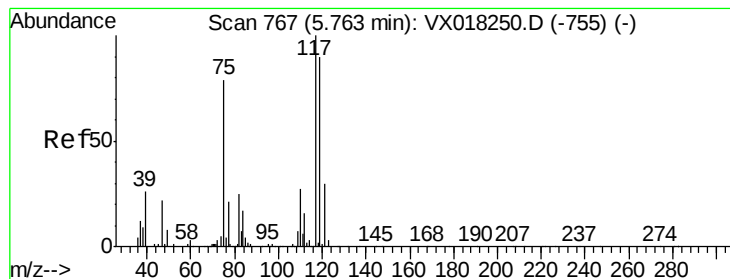
Ion Ratio Lower Upper

97 100

99 63.0 50.7 76.1

61 42.9 34.5 51.7





#33

Carbon Tetrachloride

Concen: 19.268 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampleId :

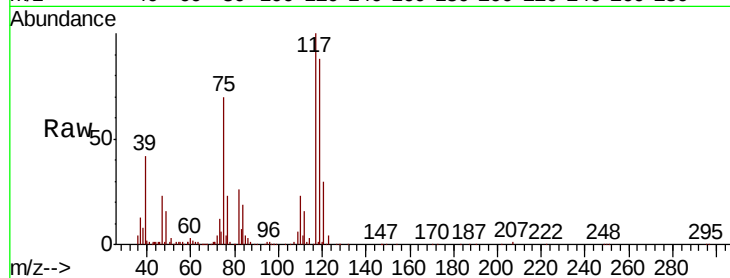
Tot Ion:117 Resp: 145442

Ion Ratio Lower Upper

117 100

119 87.5 72.3 108.5

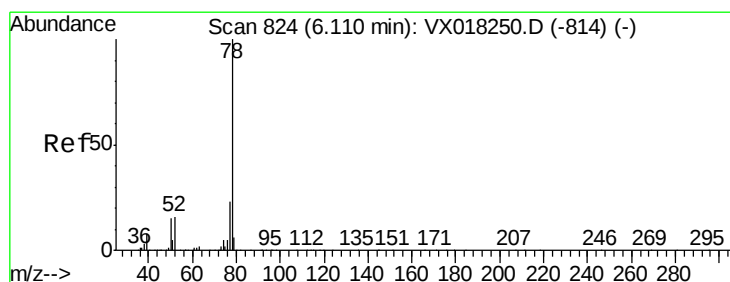
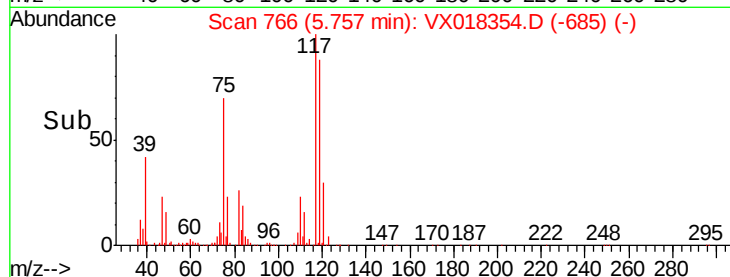
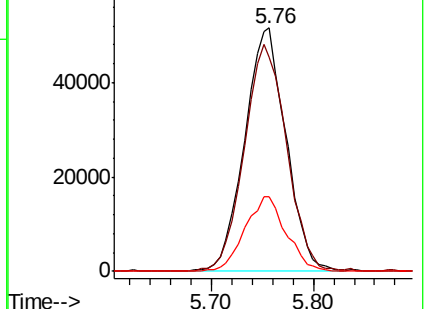
121 30.3 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.269 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

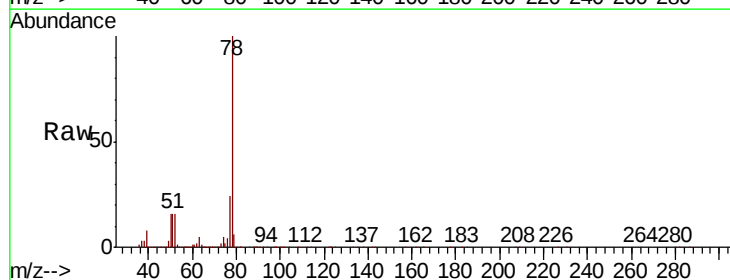
Tgt Ion: 78 Resp: 340398

Ion Ratio Lower Upper

78 100

77 24.2 18.3 27.5

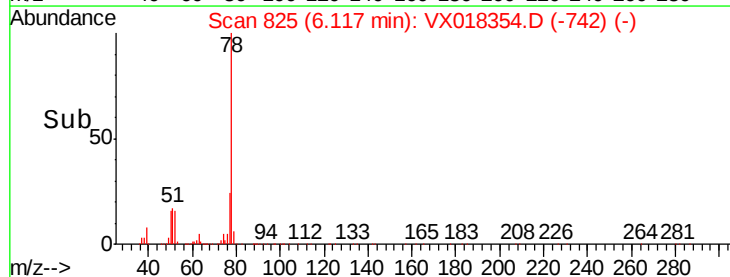
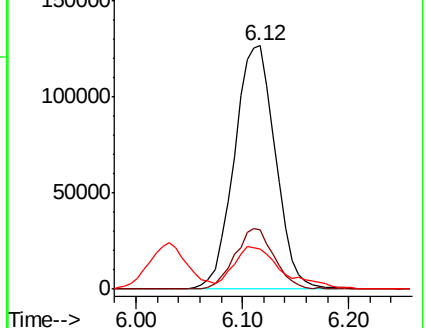
51 15.9 11.3 16.9

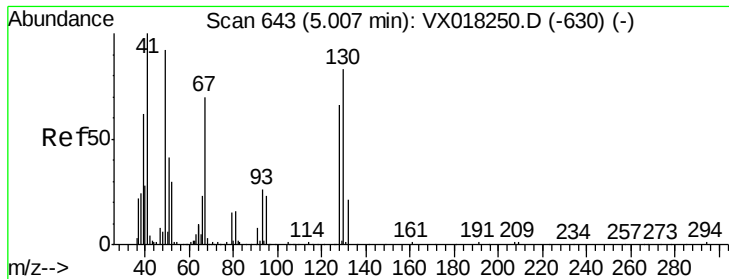


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

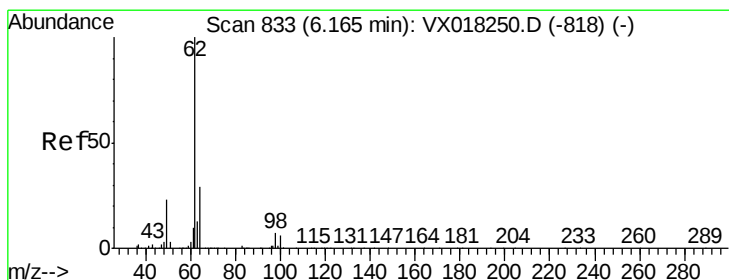
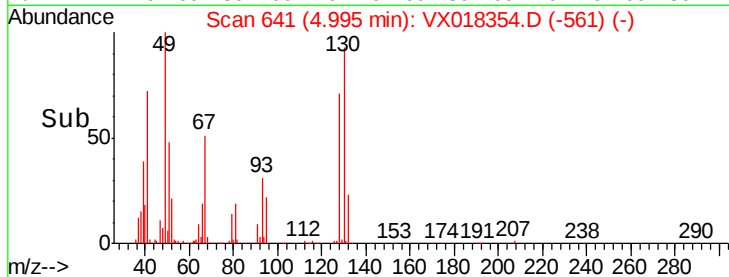
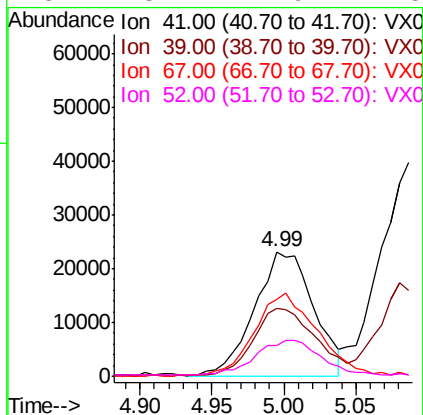
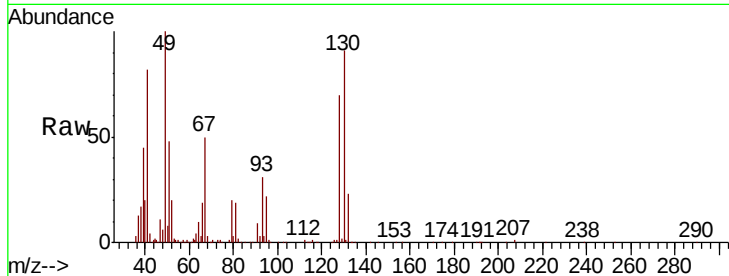




#35  
Methacrylonitrile  
Concen: 18.387 ug/l  
RT: 4.99 min Scan# 641  
Delta R.T. -0.01 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

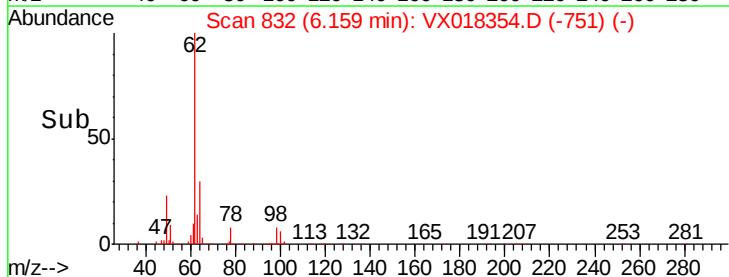
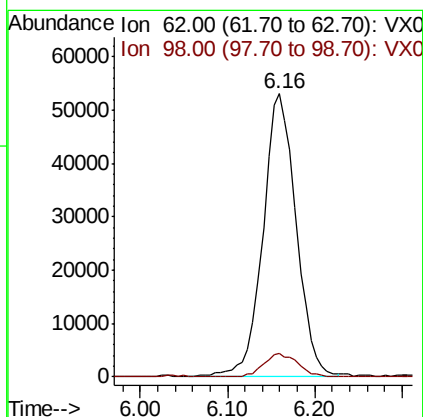
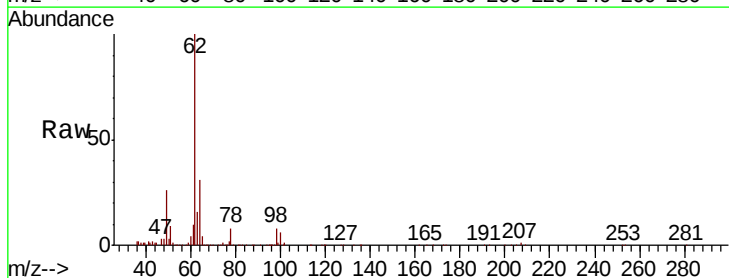
Instrument :  
MSVOA\_X  
ClientSampled :

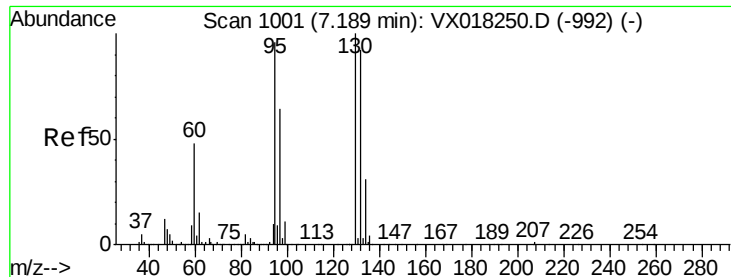
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 65661 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.5  | 31.3  | 93.9  |
| 67       | 60.1  | 35.4  | 106.2 |
| 52       | 23.7  | 14.9  | 44.5  |



#36  
1,2-Dichloroethane  
Concen: 19.195 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 140338 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.5   | 0.0   | 0.0#   |

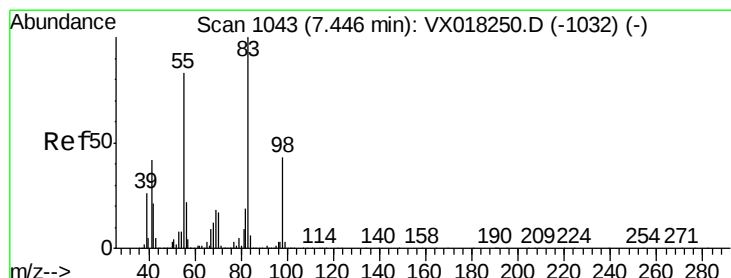
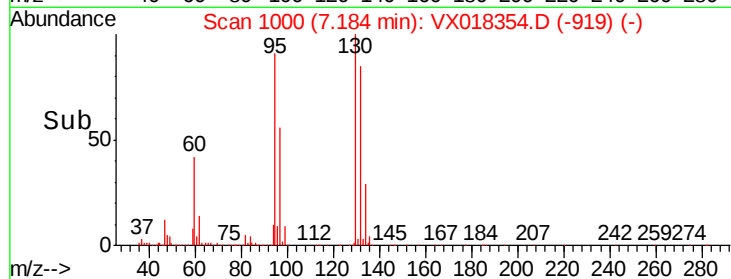
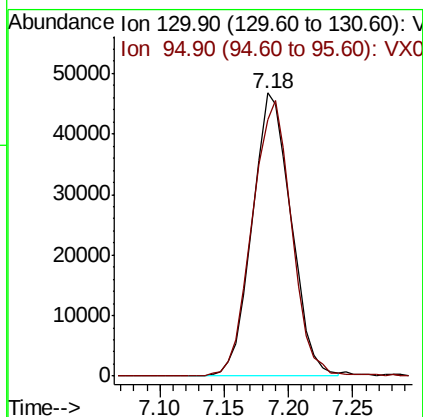
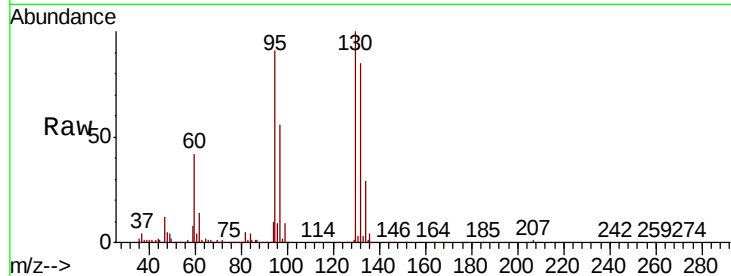




#37  
 Trichloroethene  
 Concen: 19.190 ug/l  
 RT: 7.18 min Scan# 1000  
 Delta R.T. -0.01 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

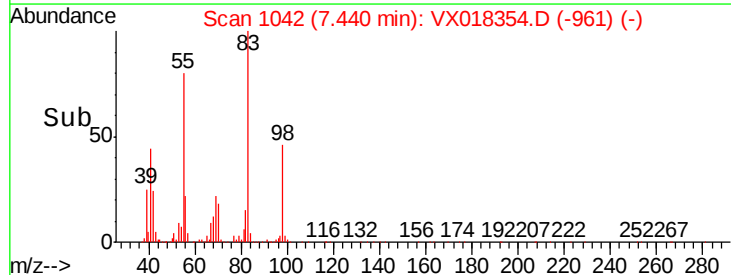
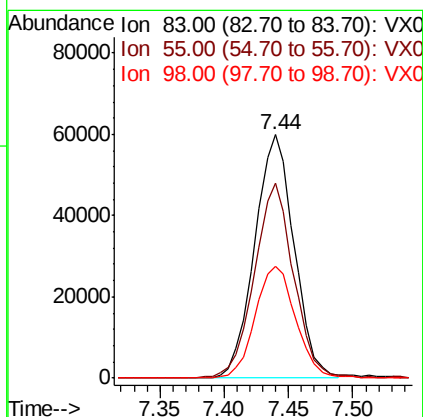
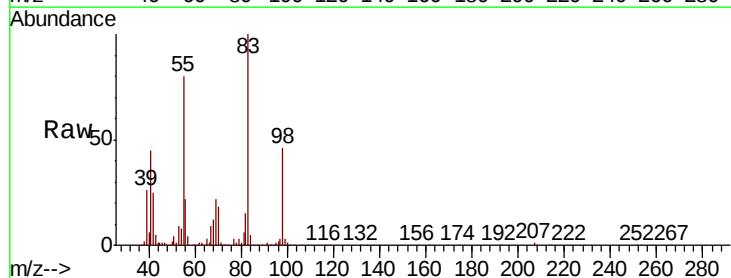
Instrument :  
 MSVOA\_X  
 ClientSampled :

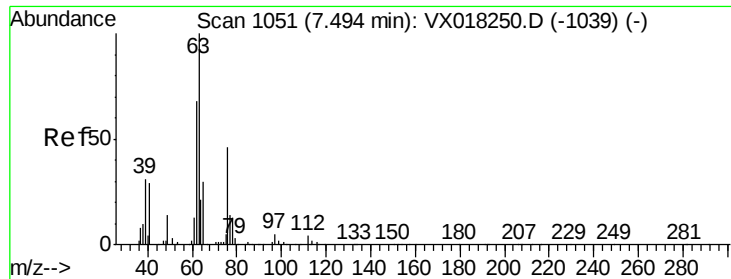
Tot Ion:130 Resp: 98028  
 Ion Ratio Lower Upper  
 130 100  
 95 90.5 76.9 115.3



#38  
 Methylcyclohexane  
 Concen: 19.256 ug/l  
 RT: 7.44 min Scan# 1042  
 Delta R.T. -0.01 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

Tgt Ion: 83 Resp: 126934  
 Ion Ratio Lower Upper  
 83 100  
 55 80.0 41.1 123.4  
 98 47.1 24.0 72.0

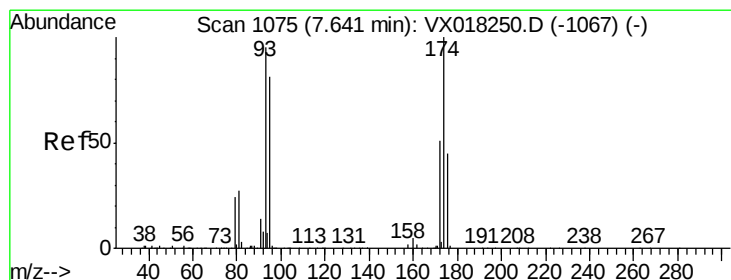
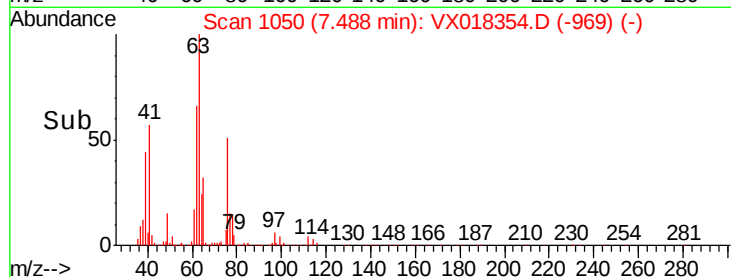
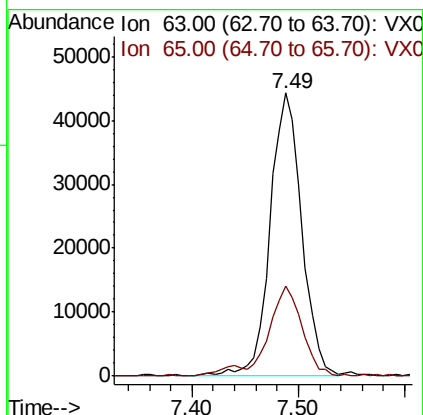
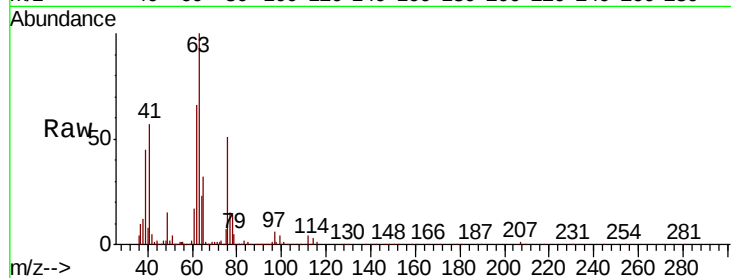




#39  
 1,2-Dichloropropane  
 Concen: 19.171 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

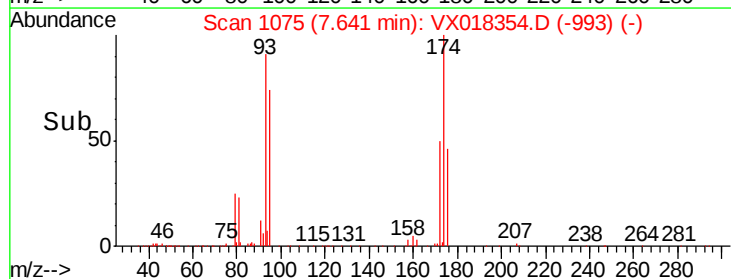
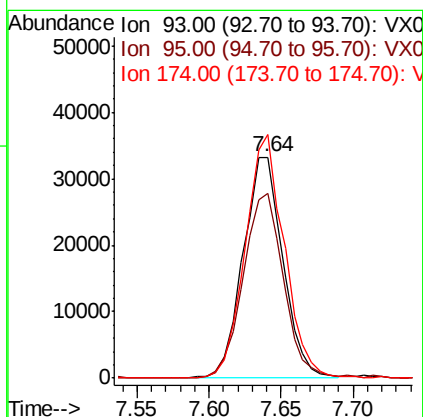
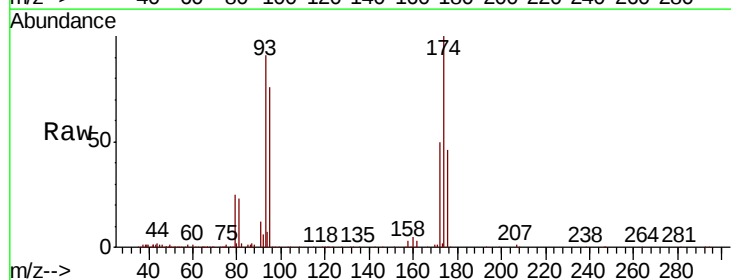
Instrument :  
 MSVOA\_X  
 ClientSampleId :

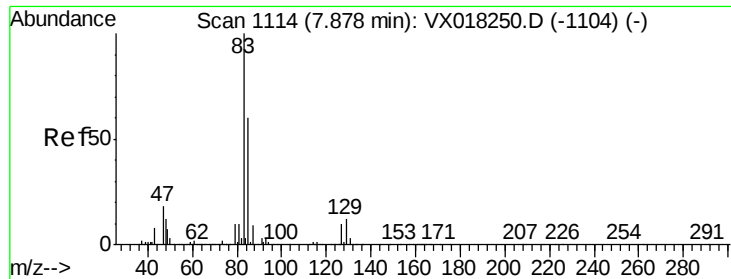
Tot Ion: 63 Resp: 90706  
 Ion Ratio Lower Upper  
 63 100  
 65 31.7 25.7 38.5



#40  
 Dibromomethane  
 Concen: 18.580 ug/l  
 RT: 7.64 min Scan# 1075  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

Tgt Ion: 93 Resp: 63483  
 Ion Ratio Lower Upper  
 93 100  
 95 84.5 0.0 167.0  
 174 107.9 0.0 202.0





#41

Bromodichloromethane

Concen: 19.012 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampleId :

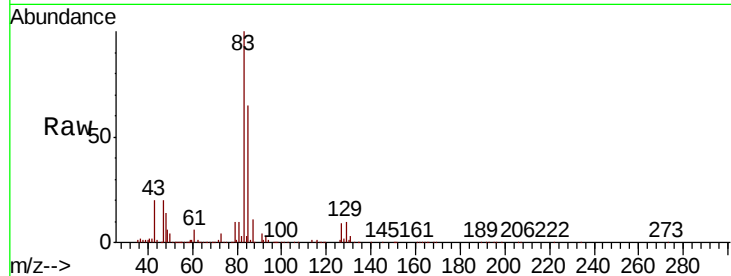
Tot Ion: 83 Resp: 134634

Ion Ratio Lower Upper

83 100

85 64.9 48.2 72.2

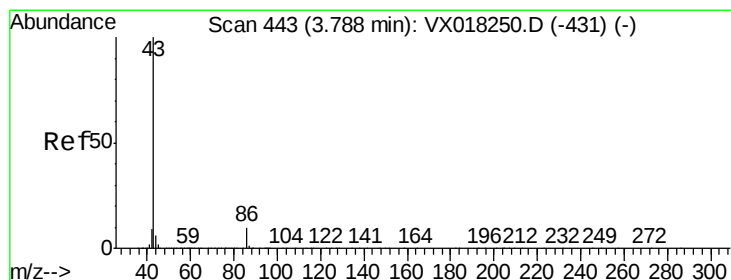
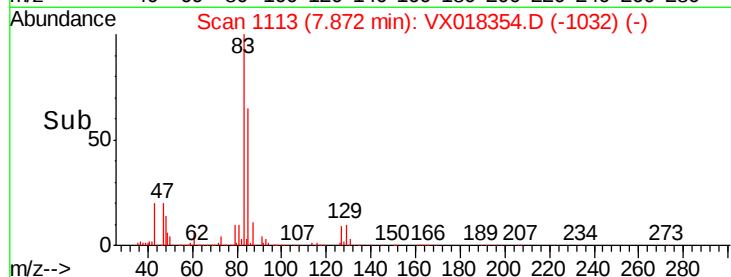
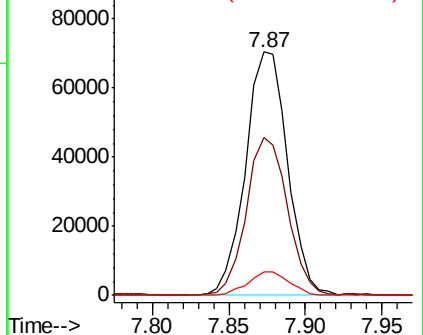
127 9.5 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 95.030 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018354.D

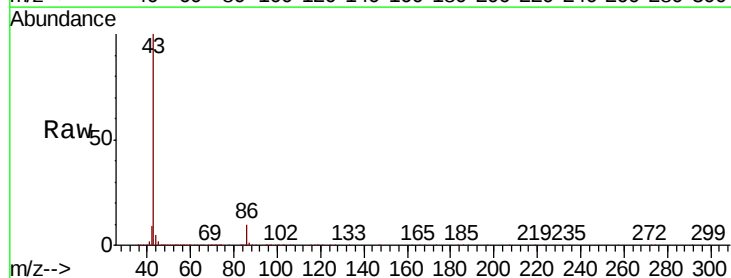
Acq: 11 Sep 2020 12:09

Tgt Ion: 43 Resp: 1201405

Ion Ratio Lower Upper

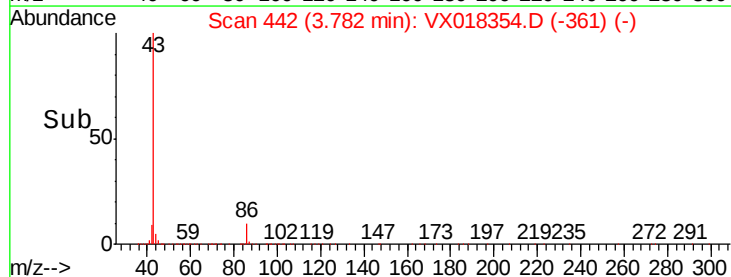
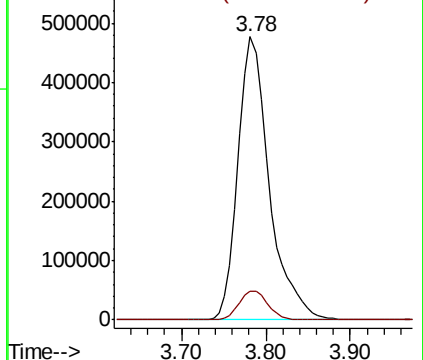
43 100

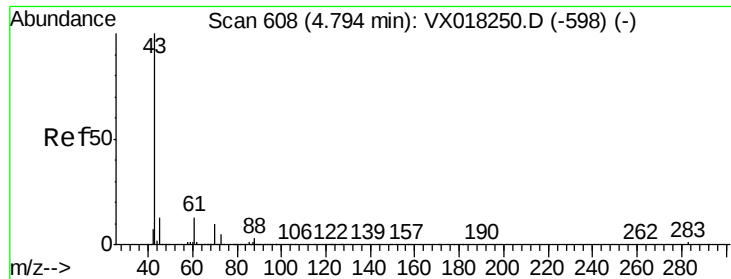
86 9.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

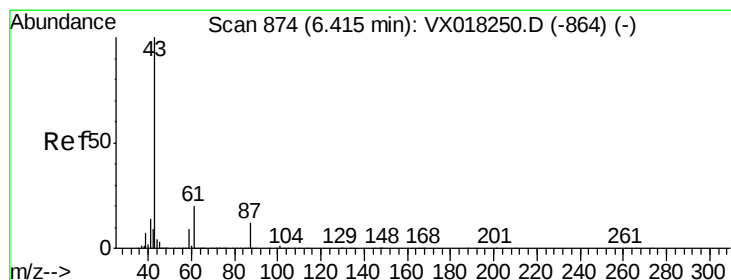
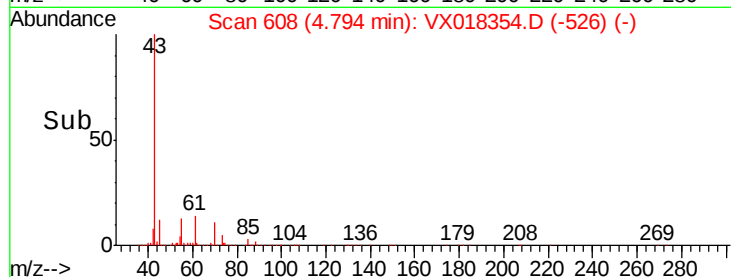
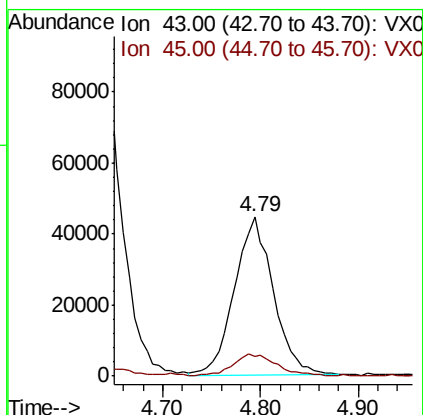
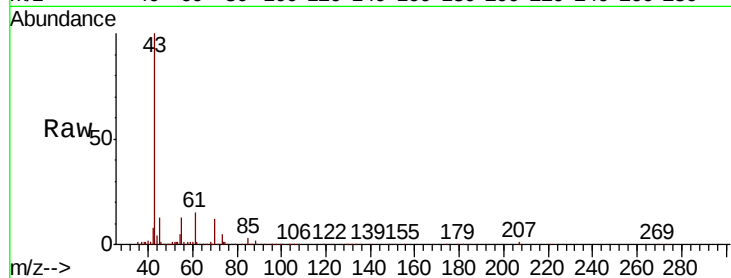




#43  
Ethyl Acetate  
Concen: 18.216 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

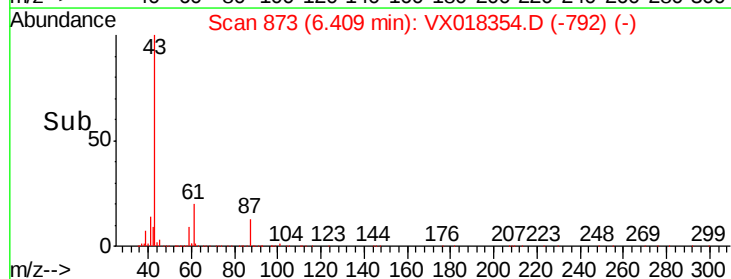
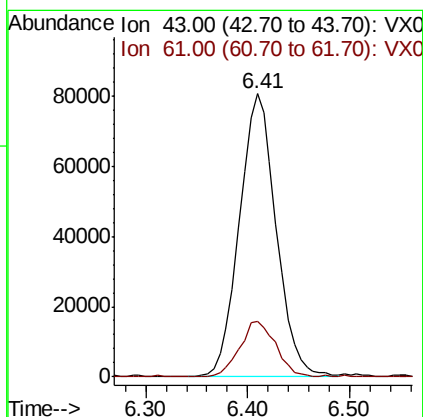
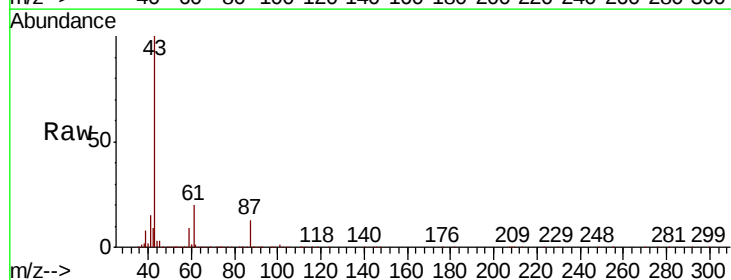
Instrument :  
MSVOA\_X  
ClientSampleId :

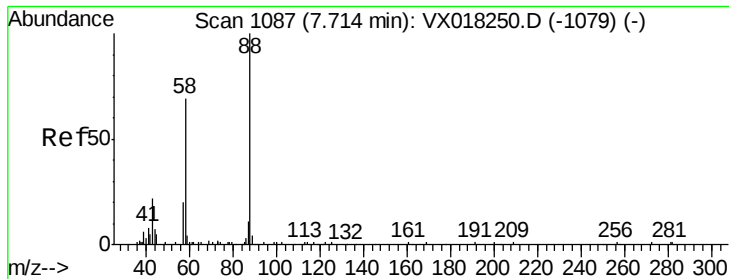
Tot Ion: 43 Resp: 122743  
Ion Ratio Lower Upper  
43 100  
45 14.8 11.2 16.8



#44  
Isopropyl Acetate  
Concen: 18.481 ug/l  
RT: 6.41 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion: 43 Resp: 200681  
Ion Ratio Lower Upper  
43 100  
61 19.6 14.6 22.0





#45

1,4-Dioxane

Concen: 384.270 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampleId :

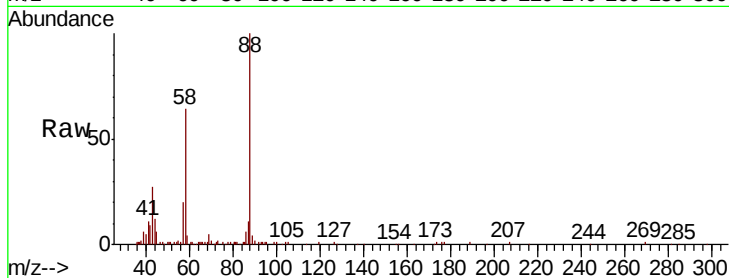
Tot Ion: 88 Resp: 34860

Ion Ratio Lower Upper

88 100

43 36.1 13.6 20.4#

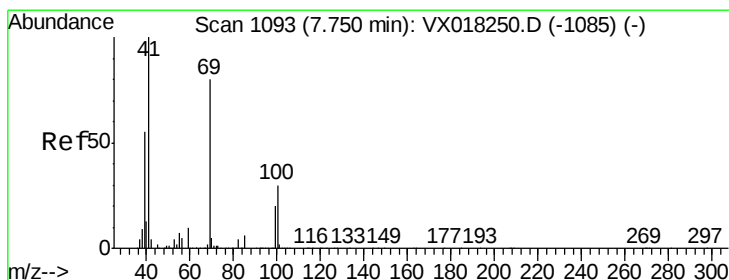
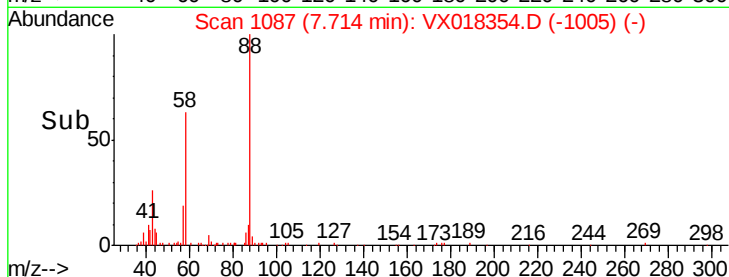
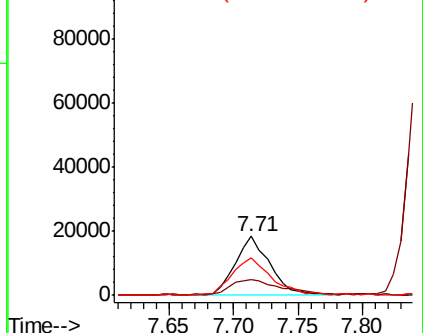
58 70.0 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.126 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

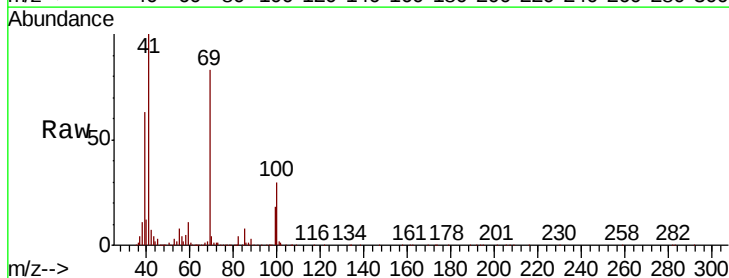
Tgt Ion: 41 Resp: 96870

Ion Ratio Lower Upper

41 100

69 83.4 40.3 120.8

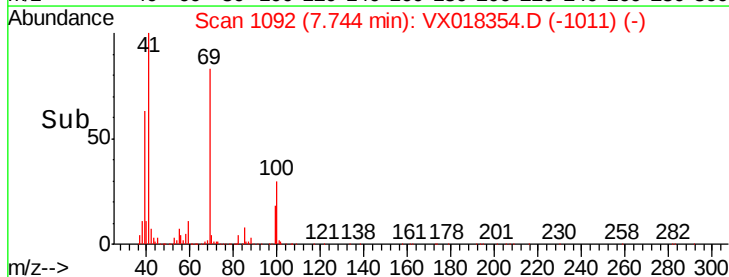
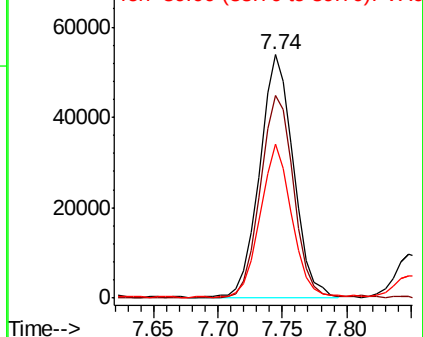
39 63.0 27.3 81.9

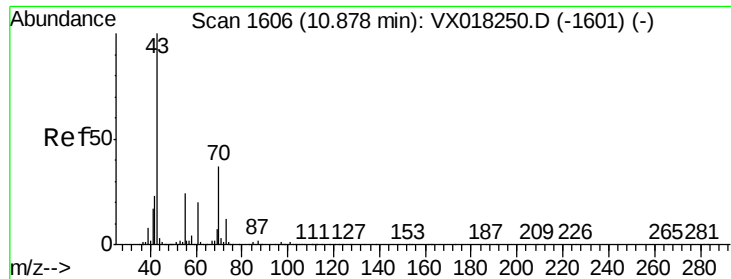


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.169 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

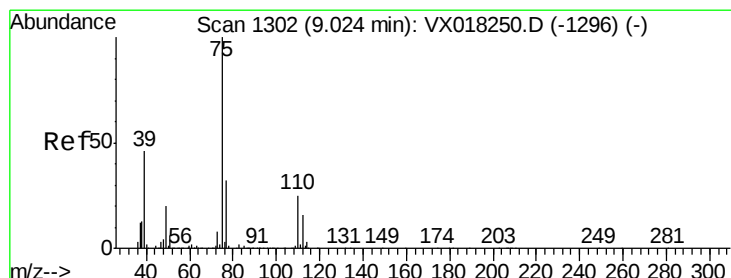
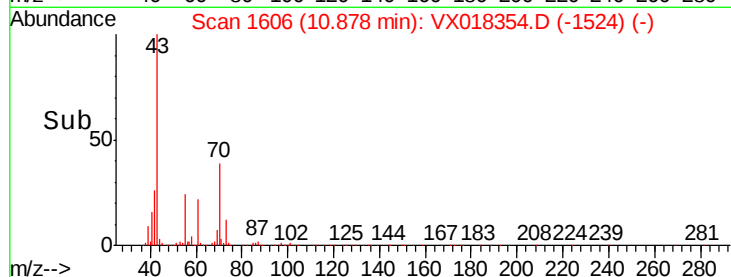
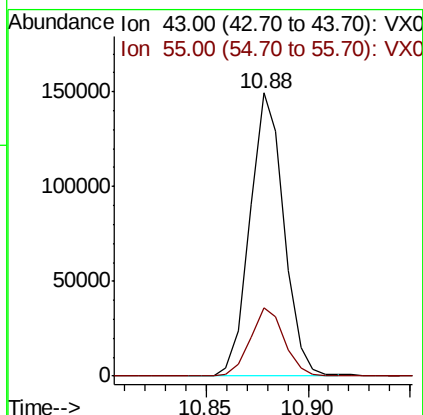
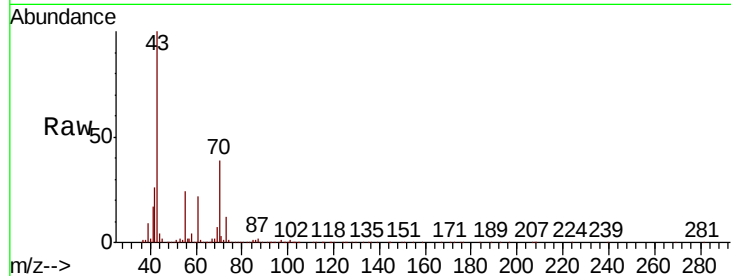
ClientSampleId :

Tot Ion: 43 Resp: 173366

Ion Ratio Lower Upper

43 100

55 23.5 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 19.201 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018354.D

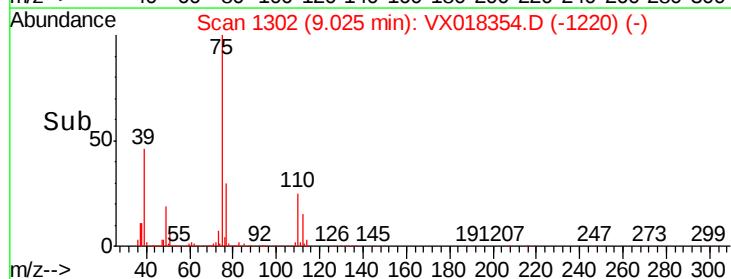
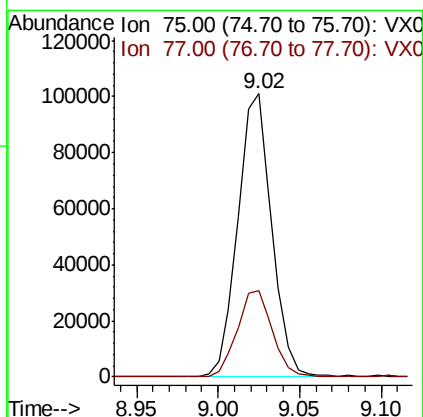
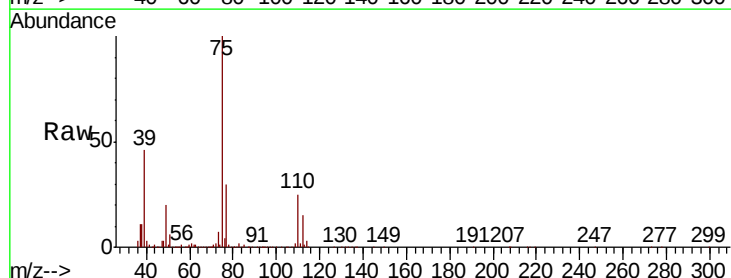
Acq: 11 Sep 2020 12:09

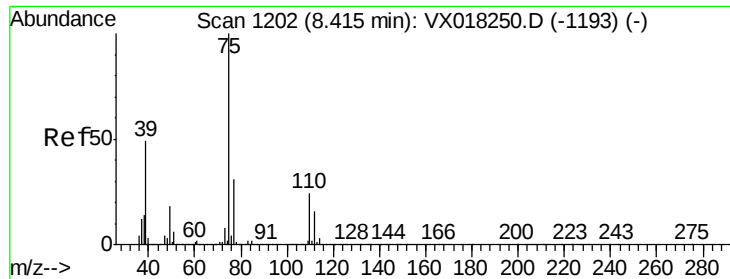
Tgt Ion: 75 Resp: 146057

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2



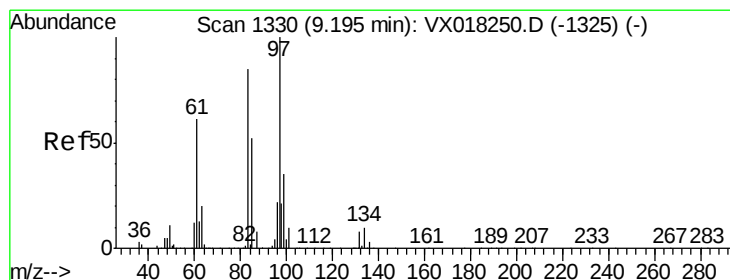
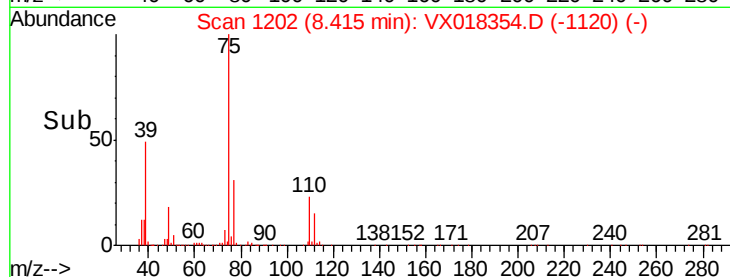
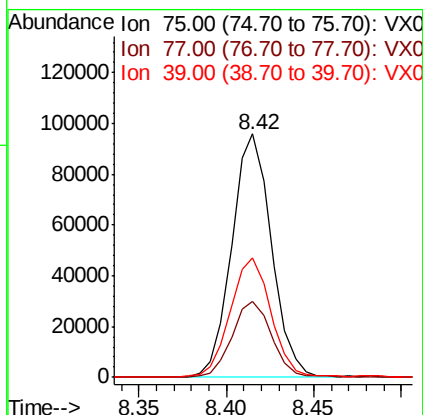
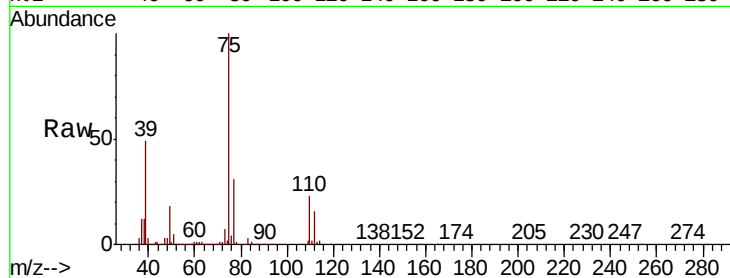


#49

cis-1,3-Dichloropropene  
 Concen: 18.925 ug/l  
 RT: 8.42 min Scan# 1202  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :

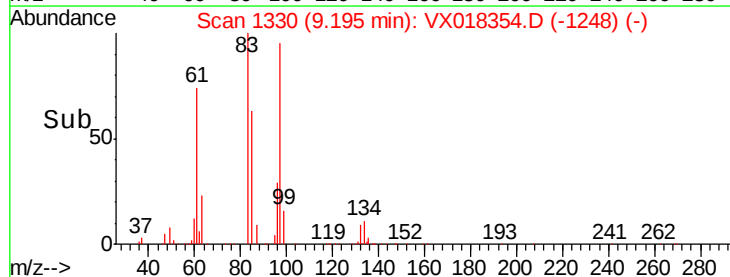
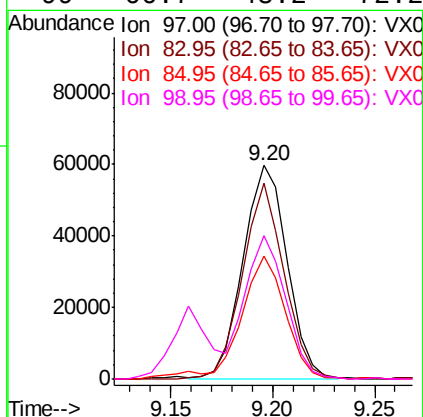
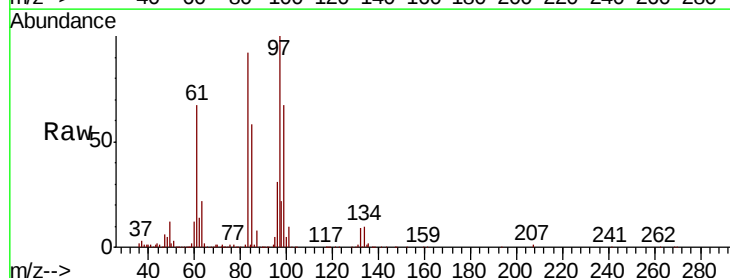
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.0  | 24.7  | 37.1  |
| 39      | 48.8  | 39.6  | 59.4  |

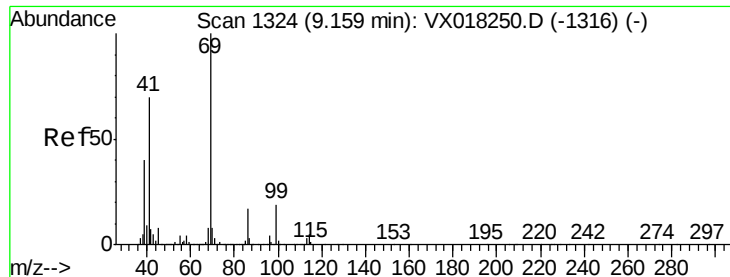


#50

1,1,2-Trichloroethane  
 Concen: 18.854 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 91.6  | 68.1  | 102.1 |
| 85      | 57.0  | 42.6  | 64.0  |
| 99      | 66.7  | 48.2  | 72.2  |





#51

Ethyl methacrylate

Concen: 18.500 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

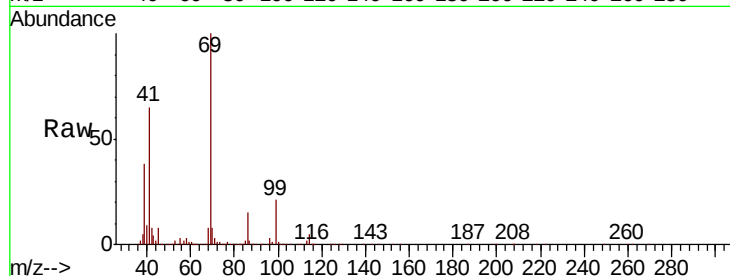
Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 69 Resp: 127593

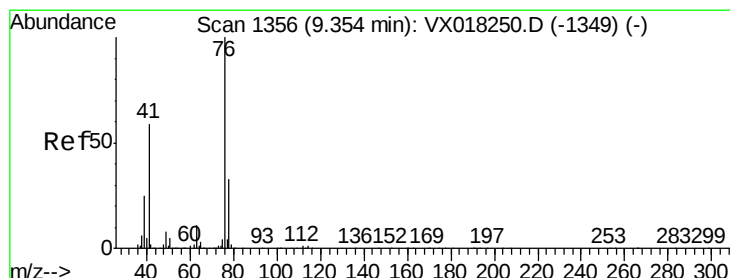
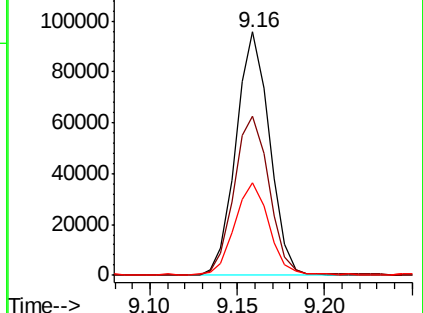
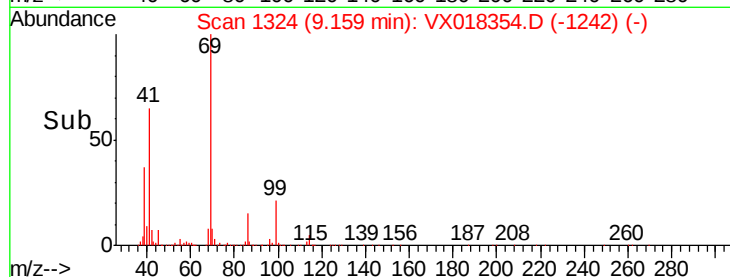
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.0  | 34.9  | 104.7 |
| 39  | 37.9  | 19.8  | 59.3  |



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



#52

1,3-Dichloropropane

Concen: 18.765 ug/l

RT: 9.35 min Scan# 1356

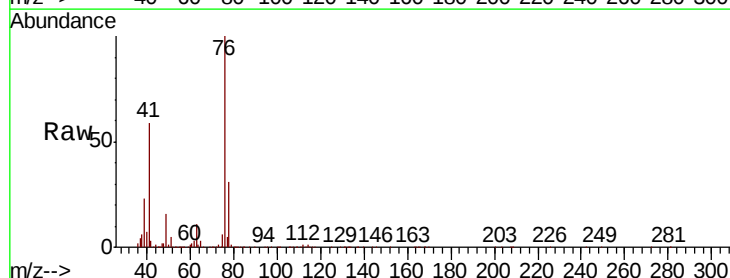
Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

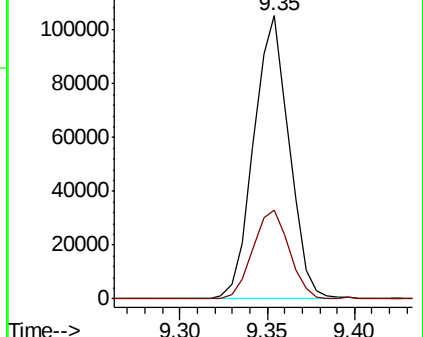
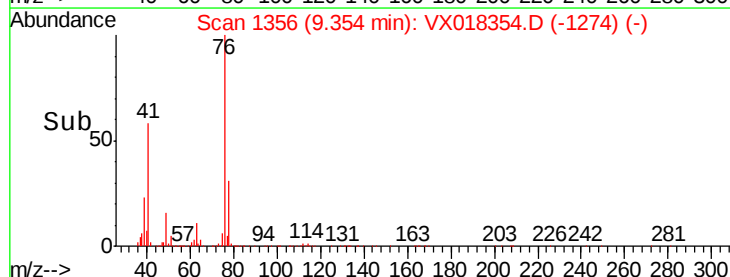
Tgt Ion: 76 Resp: 148290

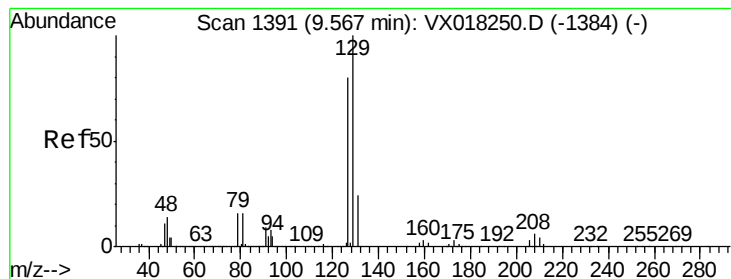
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 32.2  | 0.0   | 62.2  |



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.693 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

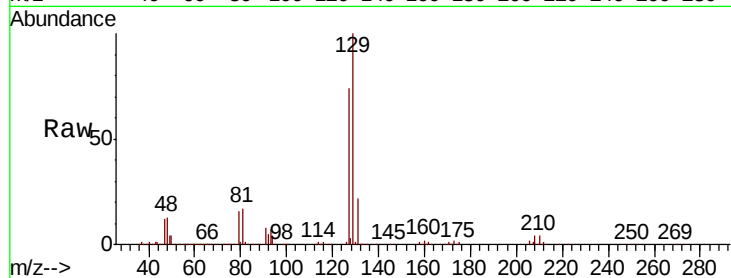
ClientSampleId :

Tot Ion:129 Resp: 110660

Ion Ratio Lower Upper

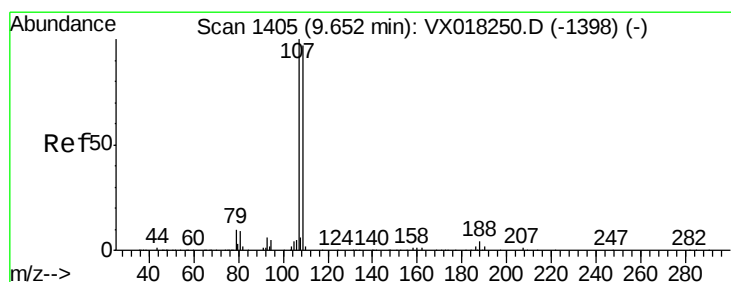
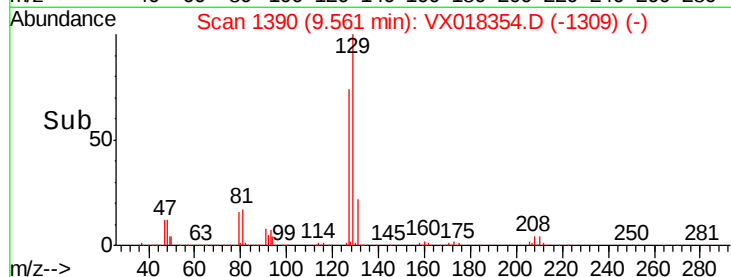
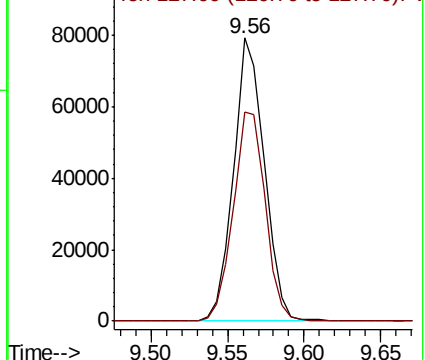
129 100

127 76.7 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.701 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018354.D

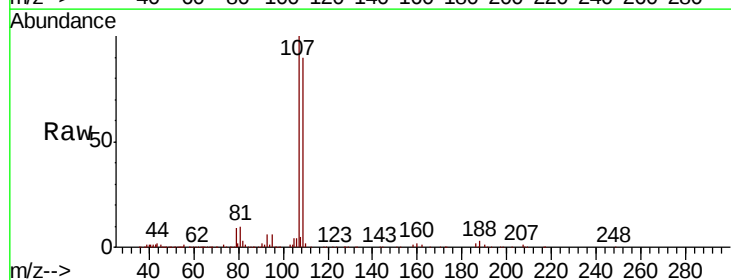
Acq: 11 Sep 2020 12:09

Tgt Ion:107 Resp: 97677

Ion Ratio Lower Upper

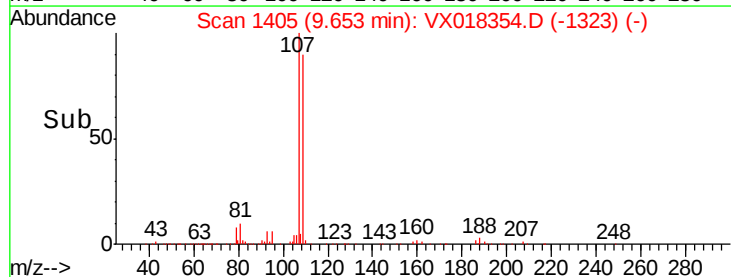
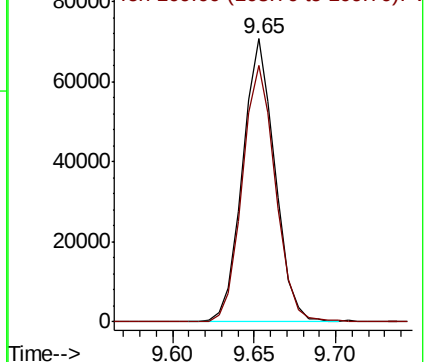
107 100

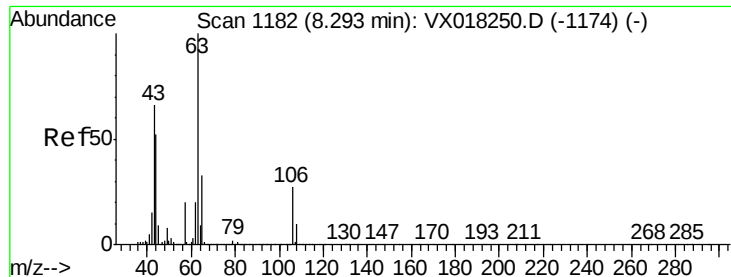
109 92.8 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

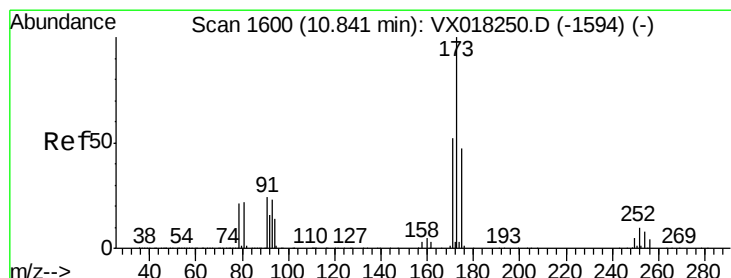
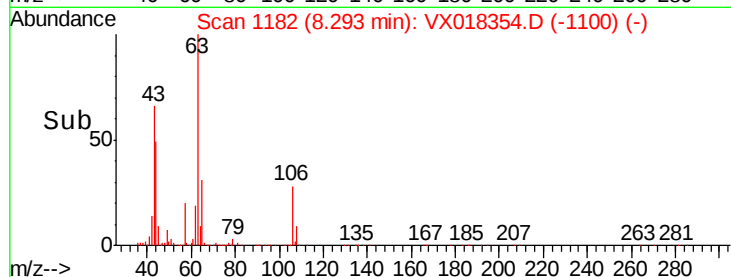
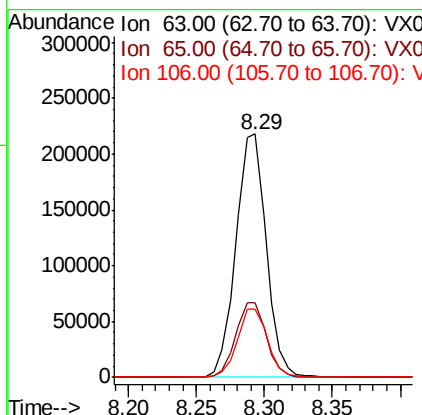
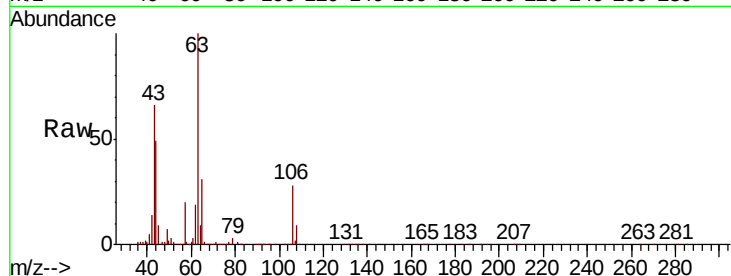




#55  
2-Chloroethyl vinyl ether  
Concen: 94.013 ug/l  
RT: 8.29 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

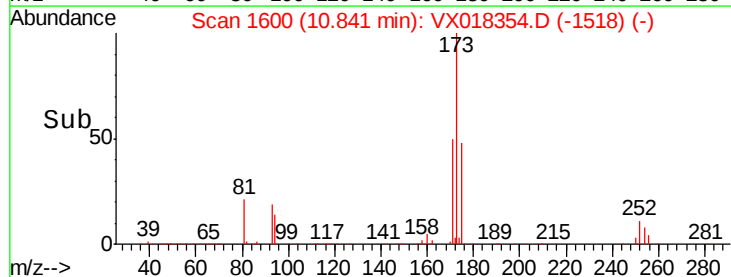
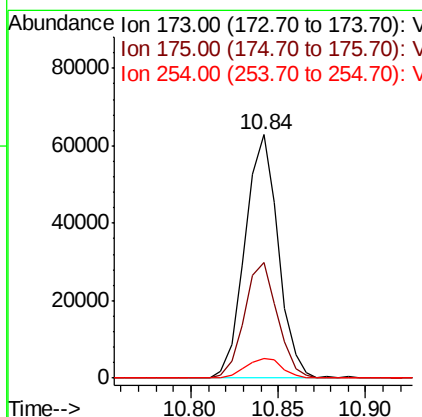
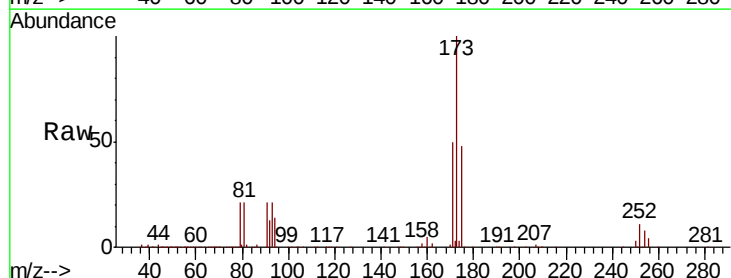
Instrument :  
MSVOA\_X  
ClientSampled :

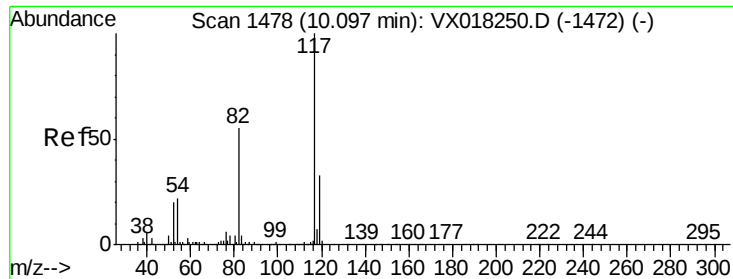
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.0  | 26.0  | 39.0  |
| 106     | 28.2  | 22.3  | 33.5  |



#56  
Bromoform  
Concen: 18.442 ug/l  
RT: 10.84 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 46.8  | 40.2  | 60.2  |
| 254     | 9.0   | 7.3   | 10.9  |

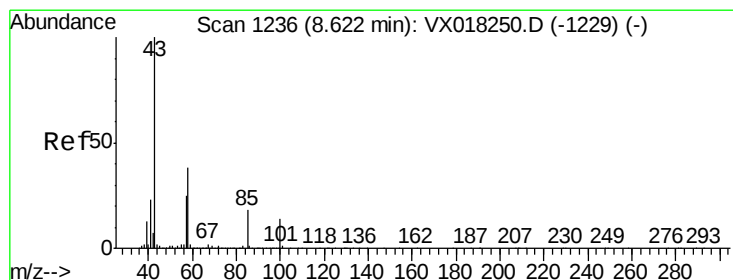
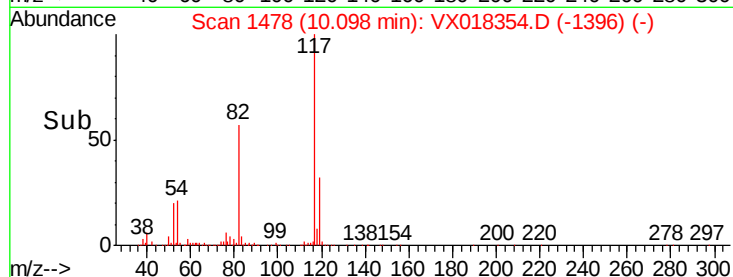
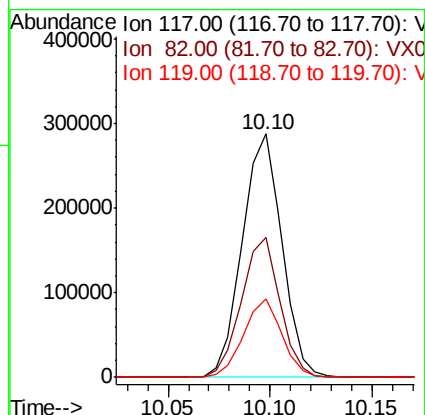
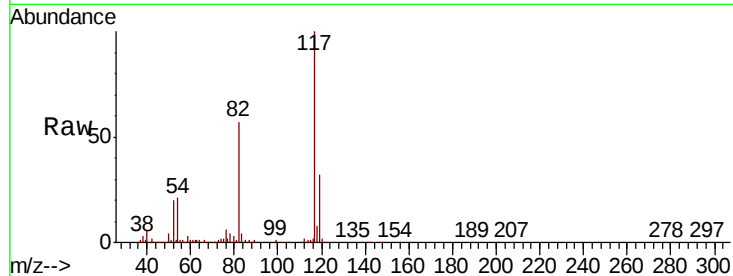




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

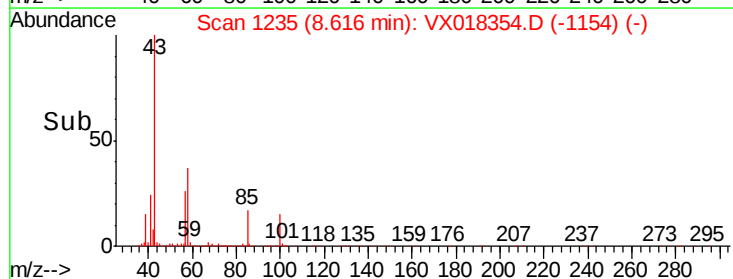
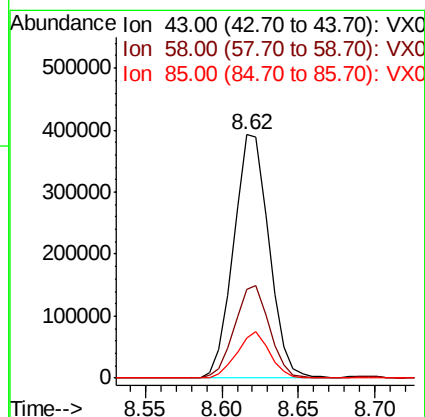
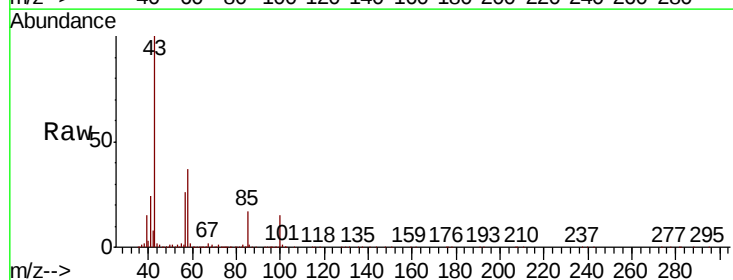
Instrument :  
MSVOA\_X  
ClientSampleId :

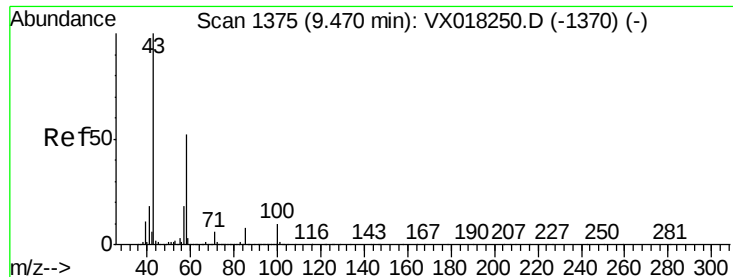
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.3  | 44.2  | 66.4  |
| 119     | 31.2  | 26.1  | 39.1  |



#58  
4-Methyl-2-Pentanone  
Concen: 94.477 ug/l  
RT: 8.62 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 37.6  | 30.0  | 45.0  |
| 85      | 17.8  | 14.2  | 21.4  |

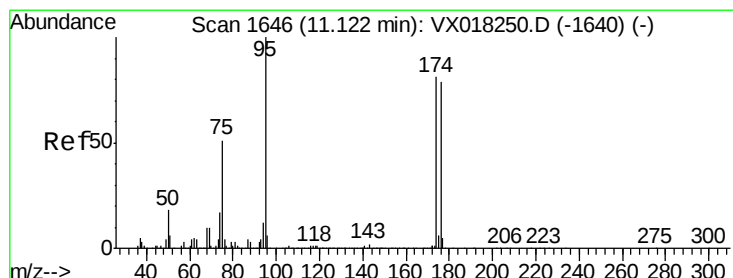
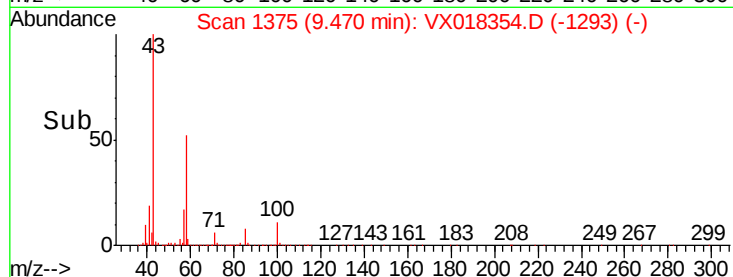
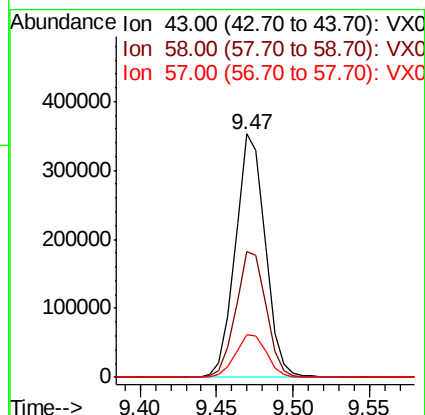
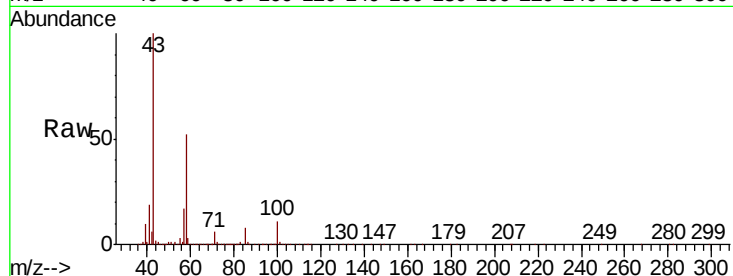




#59  
2-Hexanone  
Concen: 94.202 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

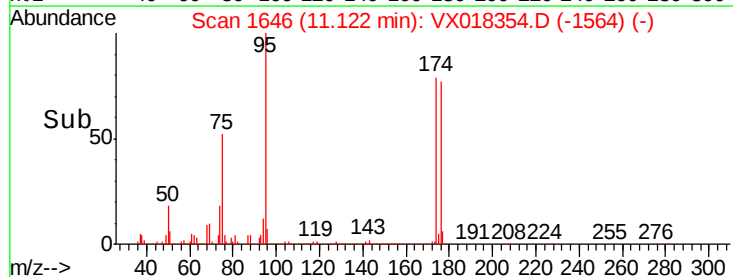
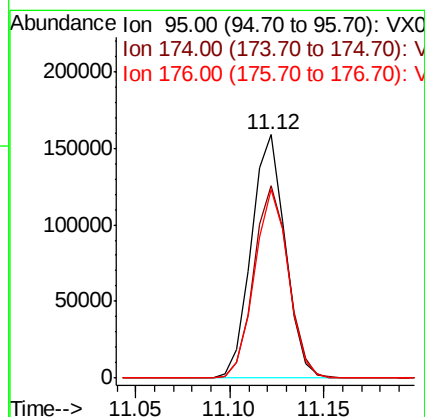
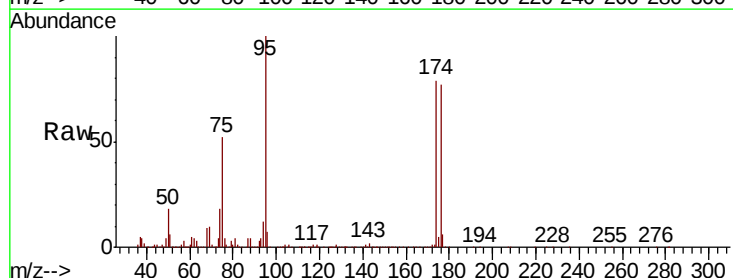
Instrument :  
MSVOA\_X  
ClientSampleId :

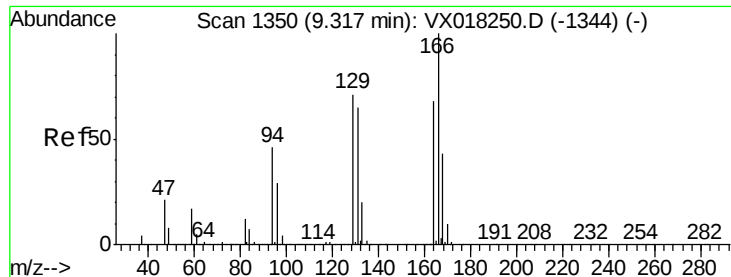
Tot Ion: 43 Resp: 475644  
Ion Ratio Lower Upper  
43 100  
58 52.4 42.5 63.7  
57 18.2 14.8 22.2



#60  
4-Bromofluorobenzene  
Concen: 29.649 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion: 95 Resp: 199166  
Ion Ratio Lower Upper  
95 100  
174 79.7 64.2 96.4  
176 77.2 62.2 93.4





#61

Tetrachloroethene

Concen: 19.672 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:164 Resp: 95090

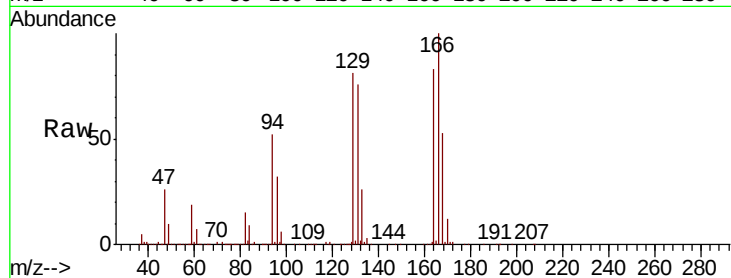
Ion Ratio Lower Upper

164 100

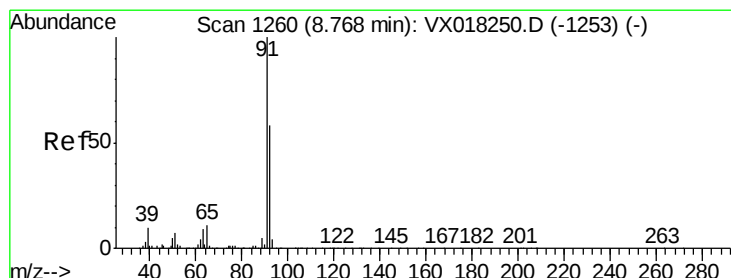
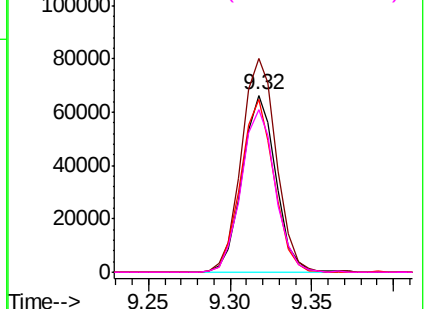
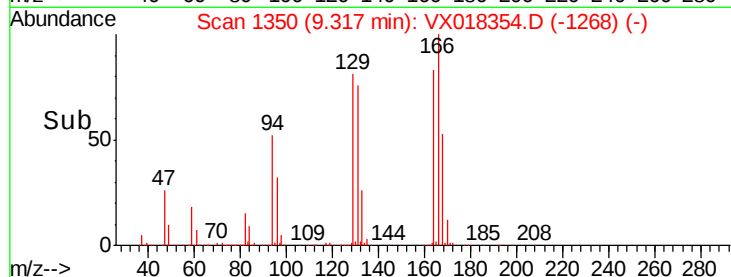
166 120.9 117.4 176.0

129 97.7 82.7 124.1

131 91.6 76.7 115.1



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.90 (128.60 to 129.60): V  
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.937 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018354.D

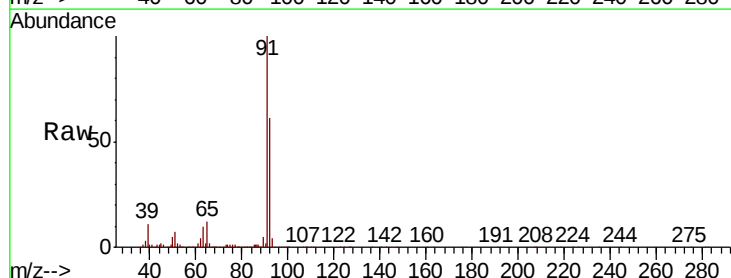
Acq: 11 Sep 2020 12:09

Tgt Ion: 91 Resp: 369373

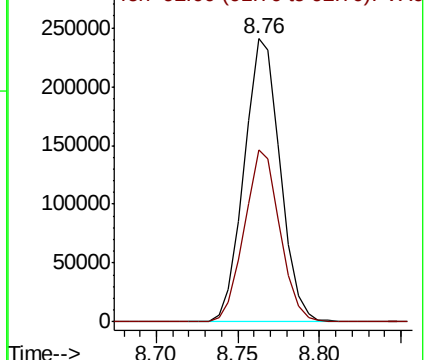
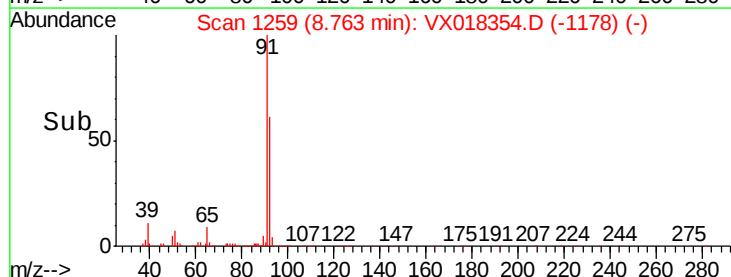
Ion Ratio Lower Upper

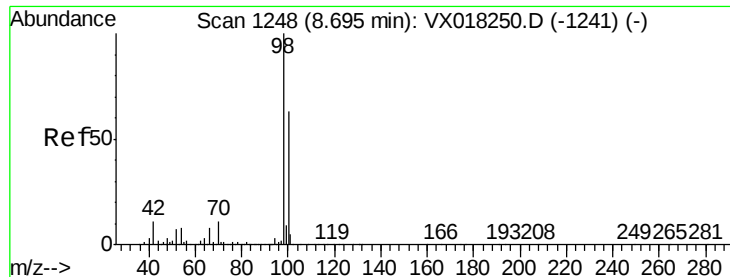
91 100

92 60.1 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.420 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

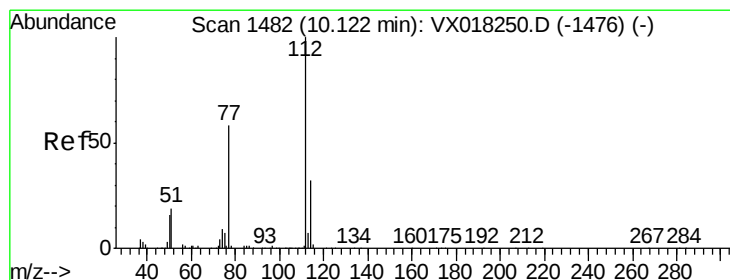
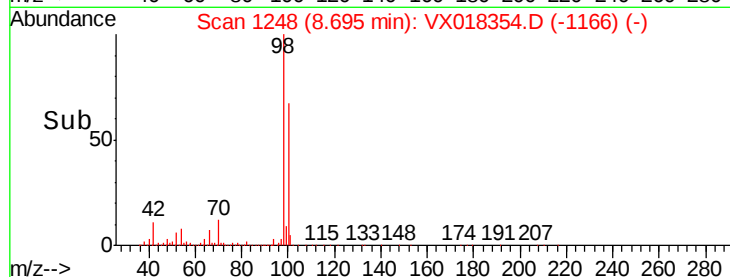
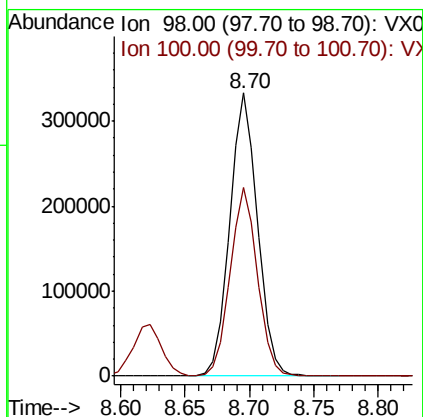
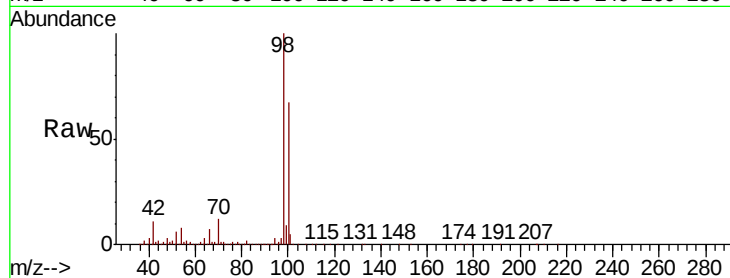
ClientSampleId :

Tot Ion: 98 Resp: 502563

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0



#64

Chlorobenzene

Concen: 18.967 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018354.D

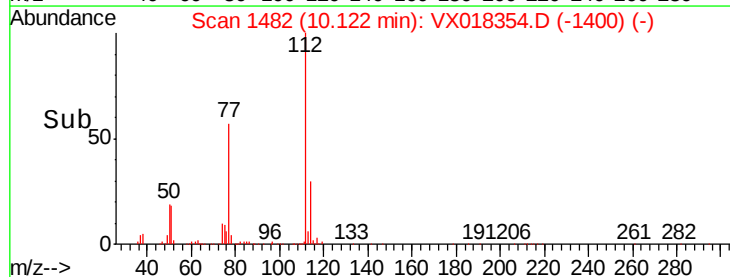
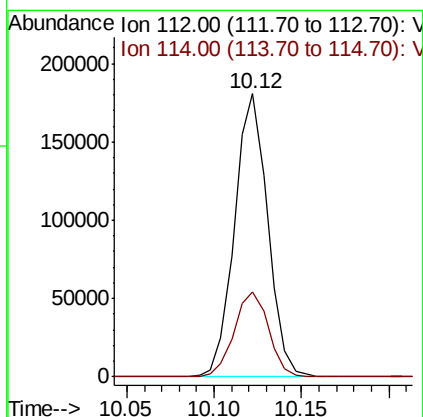
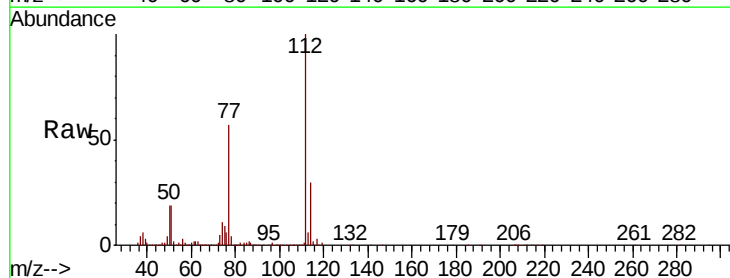
Acq: 11 Sep 2020 12:09

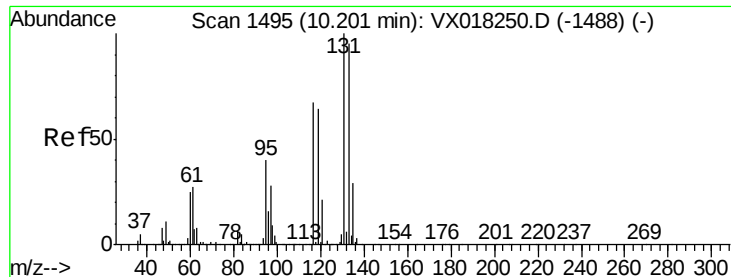
Tgt Ion: 112 Resp: 237737

Ion Ratio Lower Upper

112 100

114 29.8 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.442 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampleId :

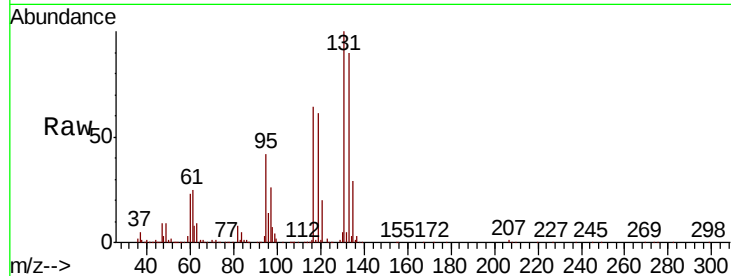
Tot Ion:131 Resp: 98695

Ion Ratio Lower Upper

131 100

133 93.3 0.0 197.2

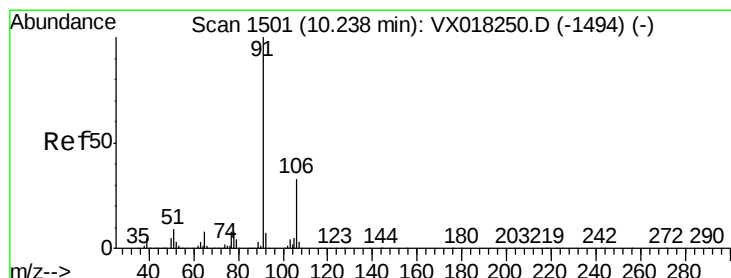
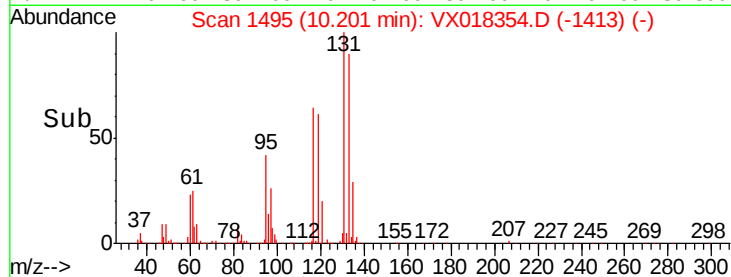
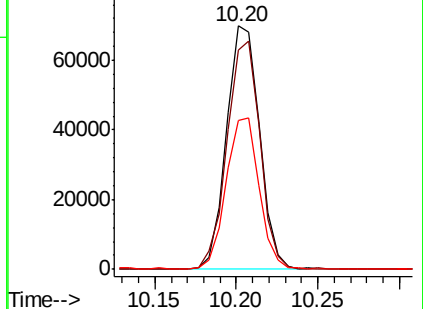
119 62.0 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.848 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018354.D

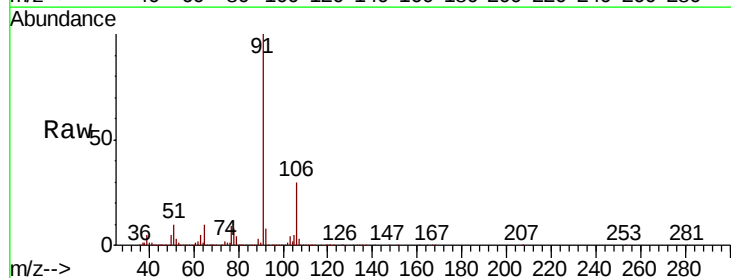
Acq: 11 Sep 2020 12:09

Tgt Ion: 91 Resp: 406205

Ion Ratio Lower Upper

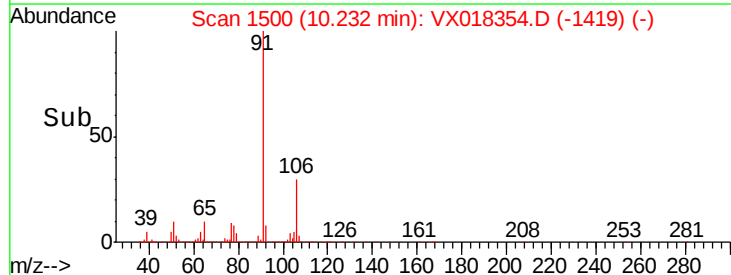
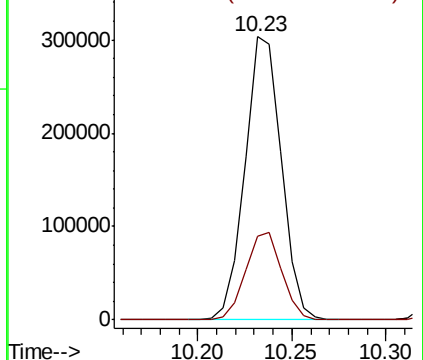
91 100

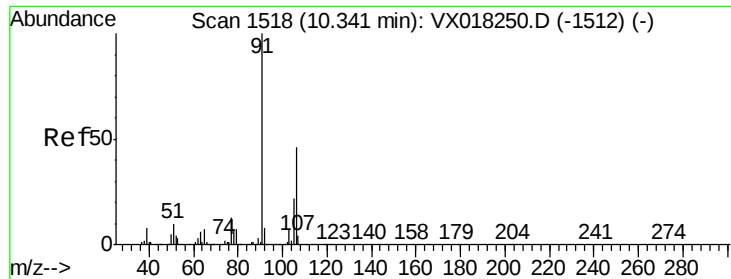
106 29.5 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

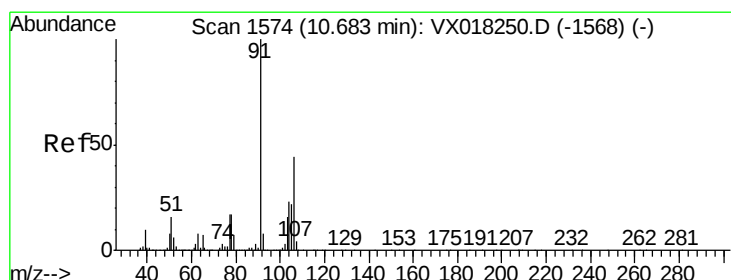
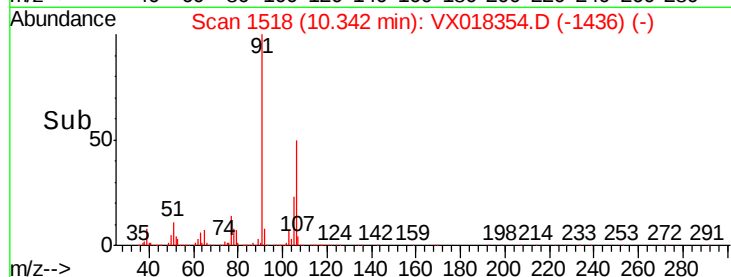
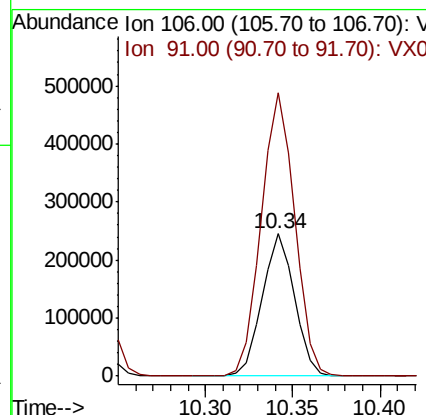
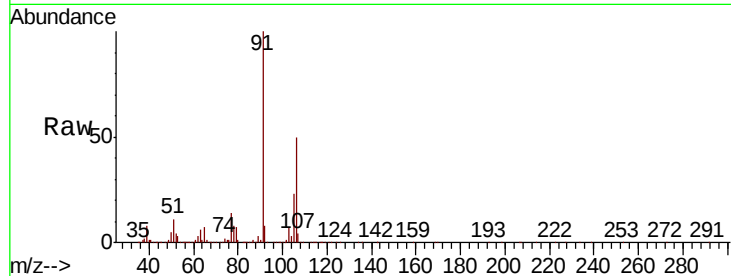




#67  
m/p-Xylenes  
Concen: 38.218 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

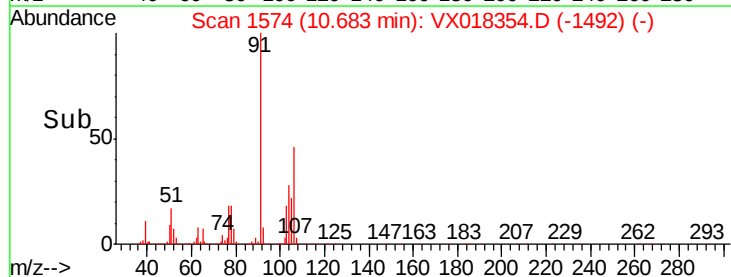
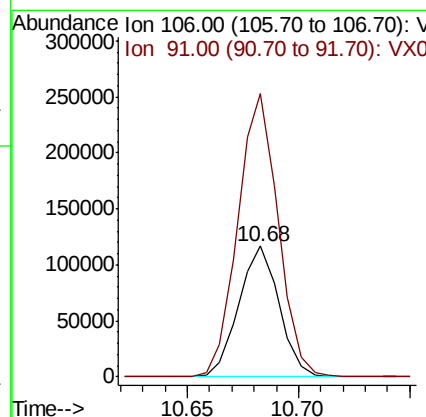
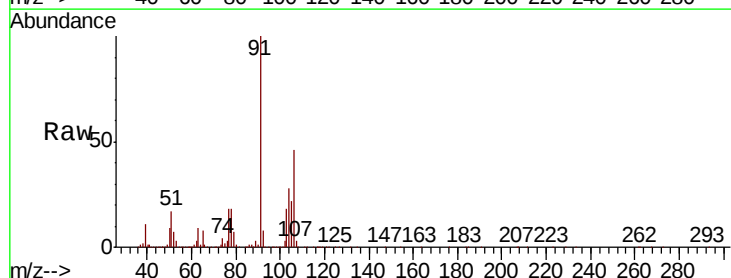
Instrument :  
MSVOA\_X  
ClientSampled :

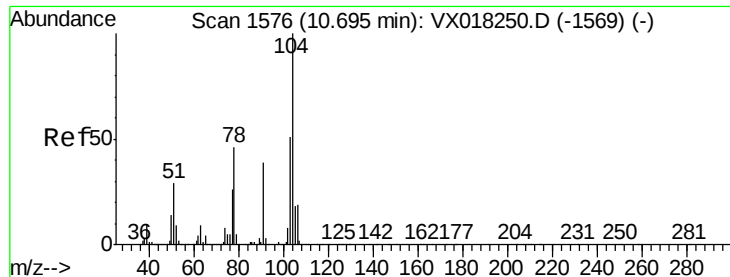
Tot Ion:106 Resp: 314993  
Ion Ratio Lower Upper  
106 100  
91 206.7 166.2 249.2



#68  
o-Xylene  
Concen: 18.957 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion:106 Resp: 147635  
Ion Ratio Lower Upper  
106 100  
91 216.2 109.2 327.6

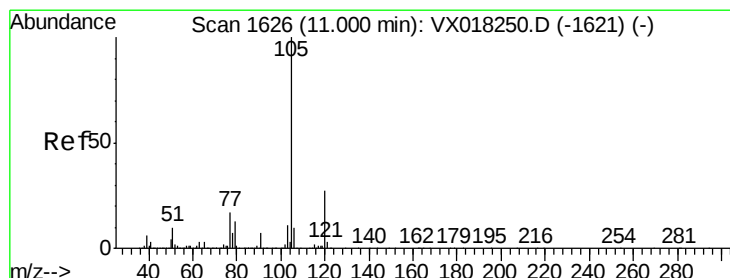
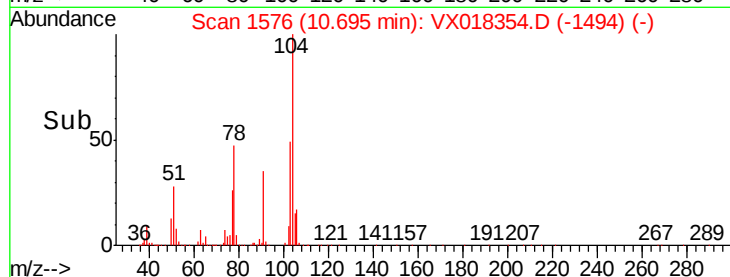
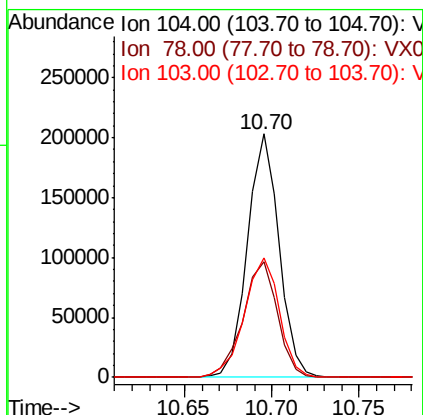
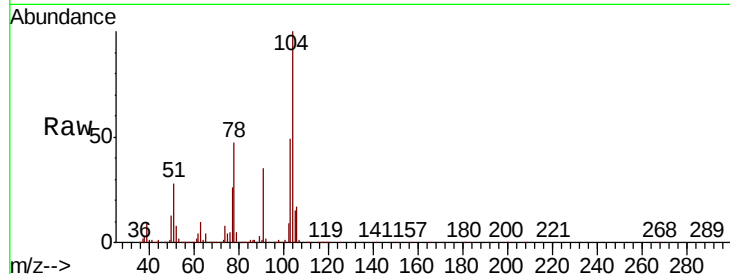




#69  
Stvrene  
Concen: 18.807 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

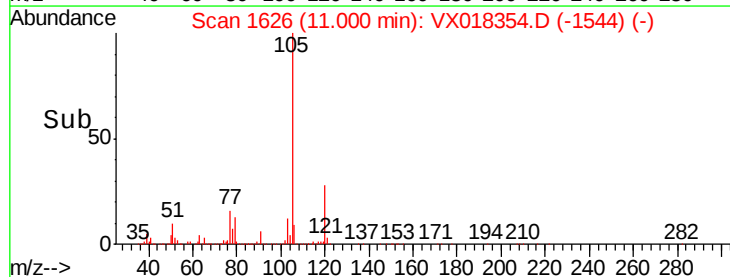
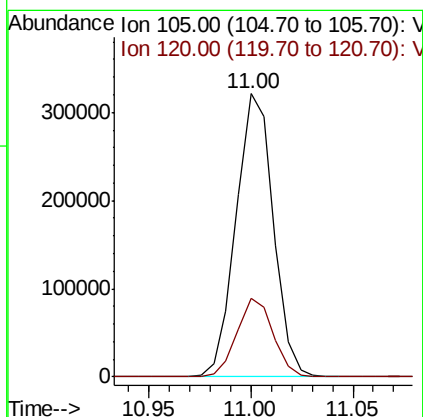
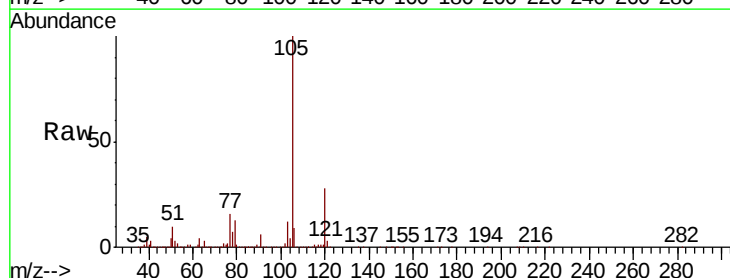
Instrument :  
MSVOA\_X  
ClientSampleId :

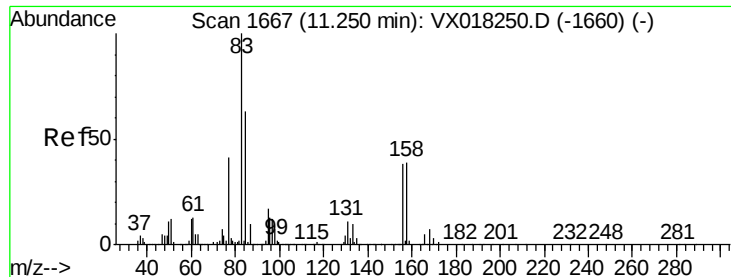
Tot Ion:104 Resp: 255532  
Ion Ratio Lower Upper  
104 100  
78 51.9 41.7 62.5  
103 54.6 44.2 66.2



#70  
Isopropylbenzene  
Concen: 18.773 ug/l  
RT: 11.00 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion:105 Resp: 406585  
Ion Ratio Lower Upper  
105 100  
120 27.0 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 18.742 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampled :

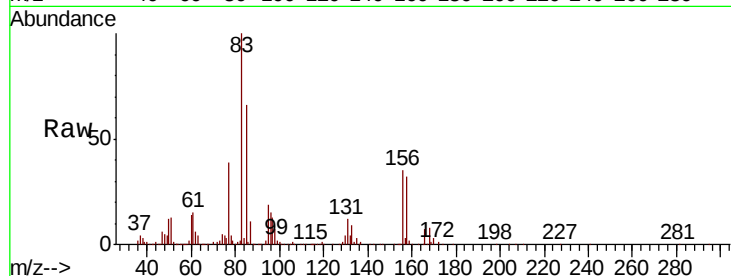
Tot Ion: 83 Resp: 132645

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.3

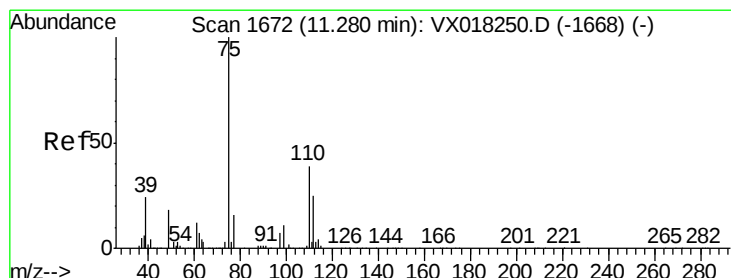
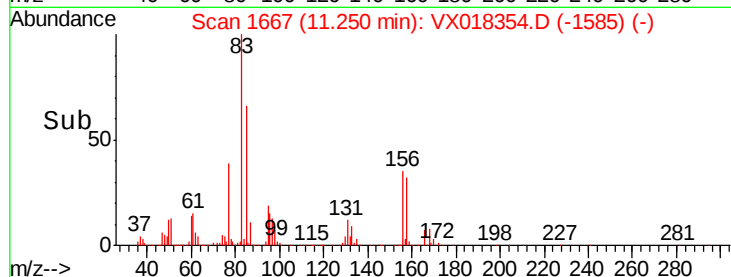
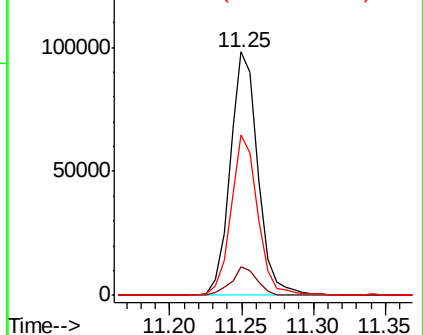
85 62.7 31.3 93.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.863 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018354.D

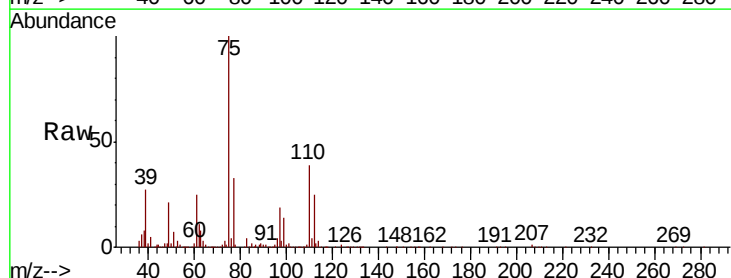
Acq: 11 Sep 2020 12:09

Tgt Ion: 75 Resp: 162262

Ion Ratio Lower Upper

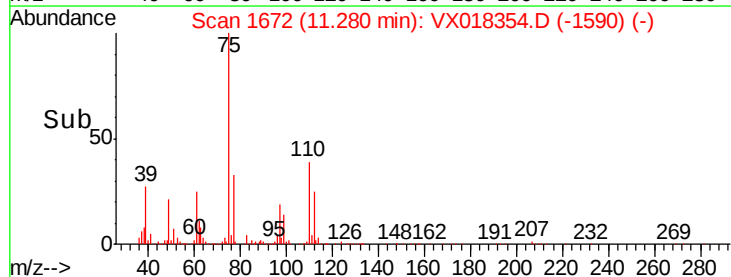
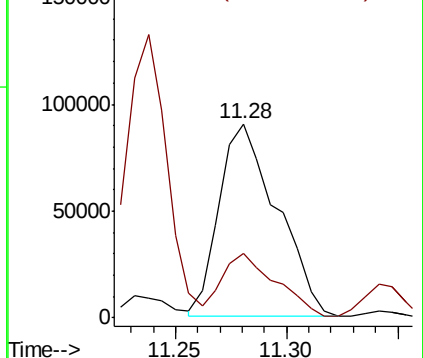
75 100

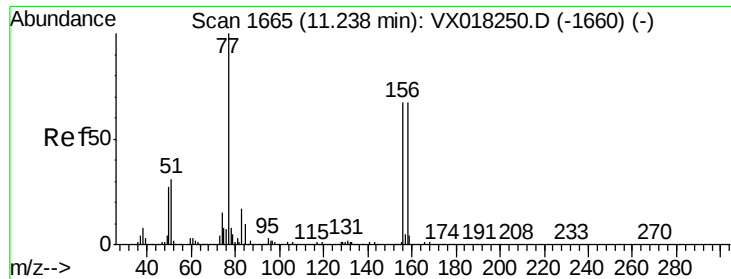
77 32.0 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.284 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampleId :

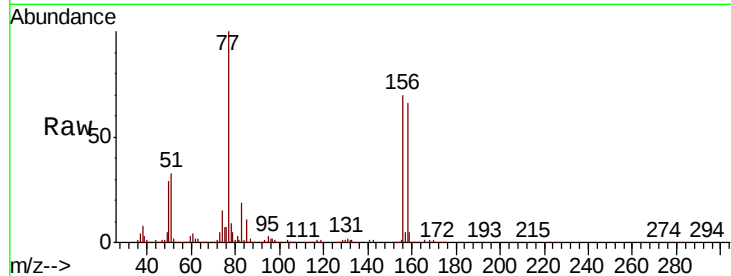
Tot Ion:156 Resp: 114414

Ion Ratio Lower Upper

156 100

77 149.6 0.0 311.0

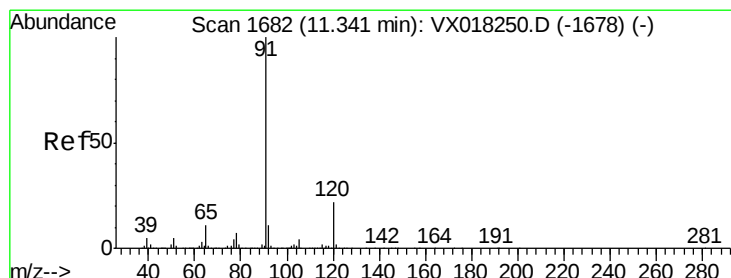
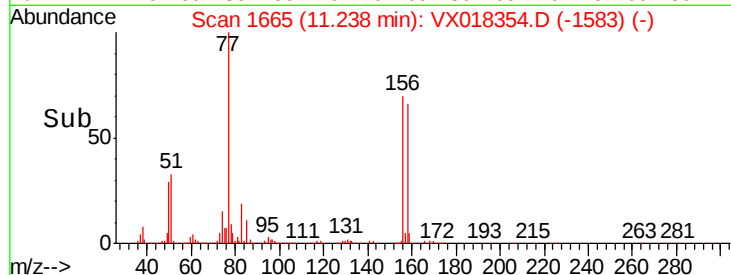
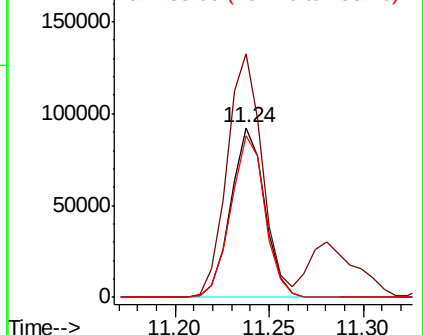
158 95.8 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.811 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018354.D

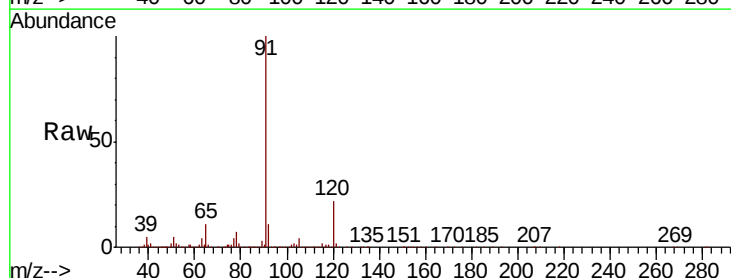
Acq: 11 Sep 2020 12:09

Tgt Ion: 91 Resp: 479700

Ion Ratio Lower Upper

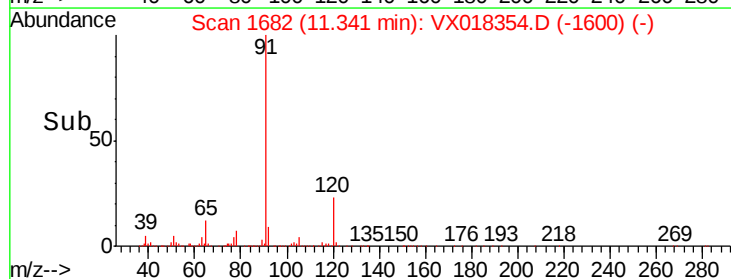
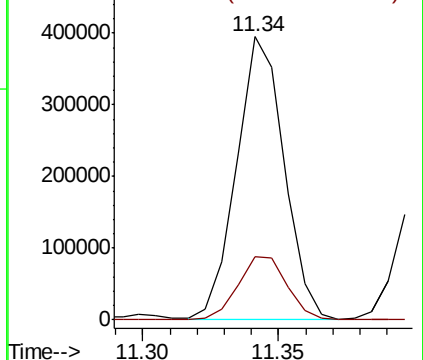
91 100

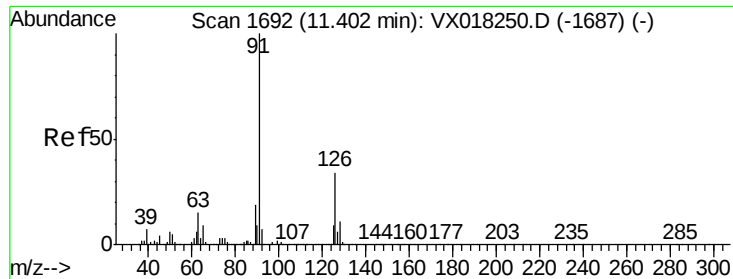
120 23.1 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

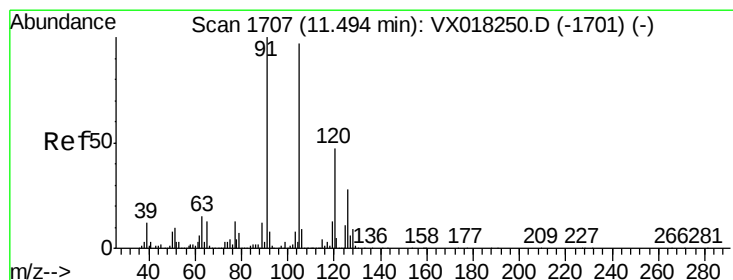
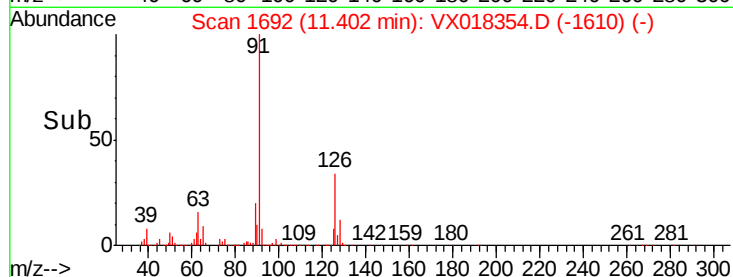
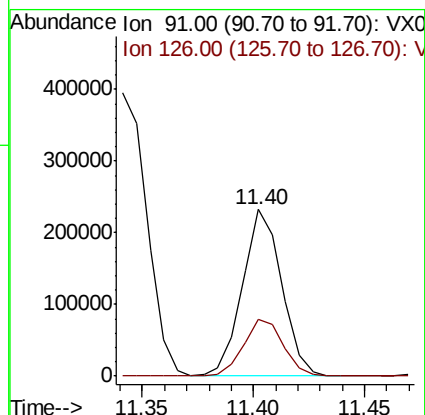
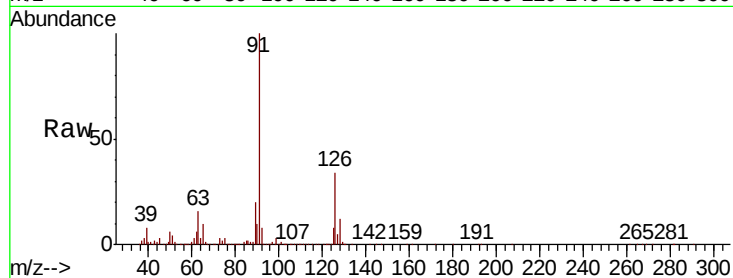




#75  
 2-Chlorotoluene  
 Concen: 18.597 ug/l  
 RT: 11.40 min Scan# 1692  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

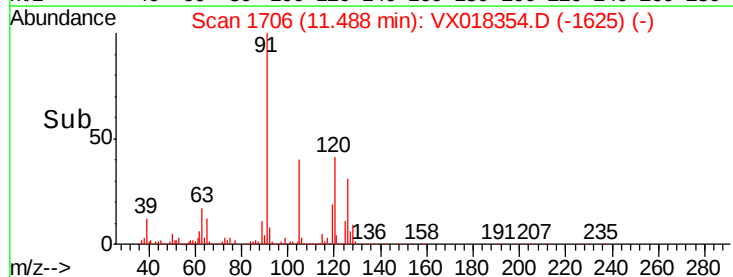
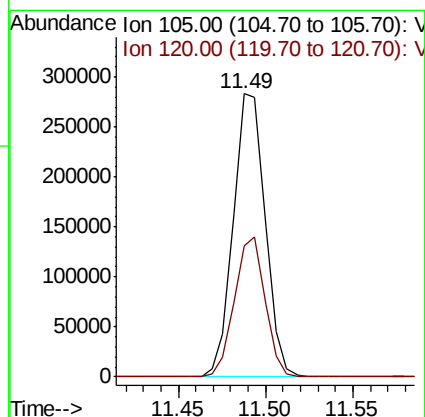
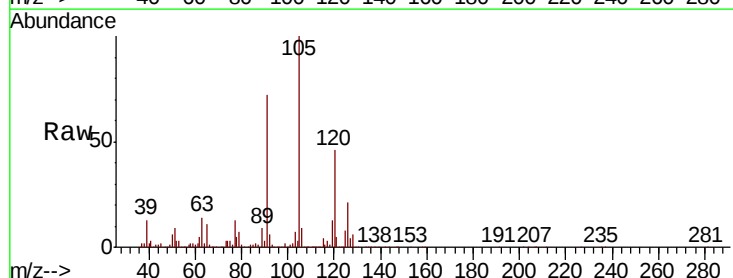
Instrument :  
 MSVOA\_X  
 ClientSampleId :

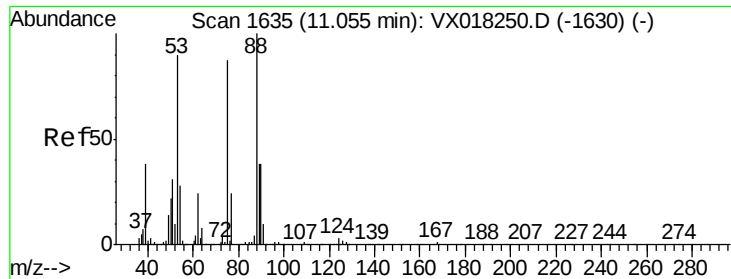
Tot Ion: 91 Resp: 287442  
 Ion Ratio Lower Upper  
 91 100  
 126 34.5 0.0 68.4



#76  
 1,3,5-Trimethylbenzene  
 Concen: 19.012 ug/l  
 RT: 11.49 min Scan# 1706  
 Delta R.T. -0.01 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

Tgt Ion: 105 Resp: 358717  
 Ion Ratio Lower Upper  
 105 100  
 120 47.9 0.0 95.0

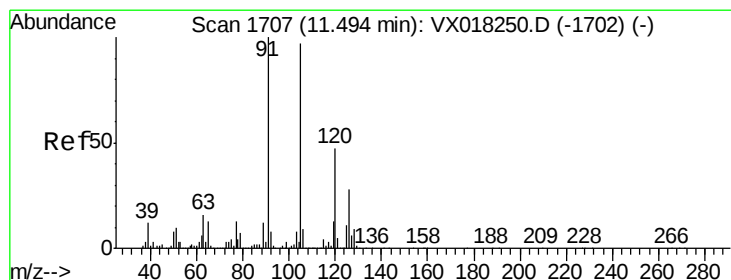
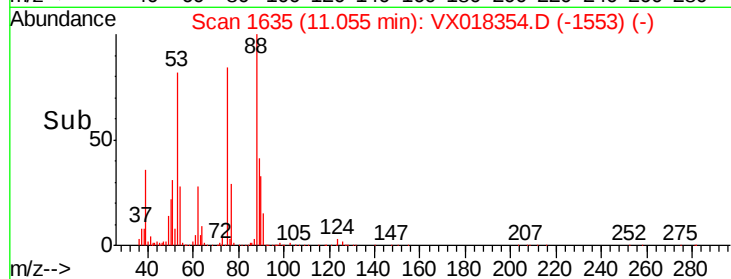
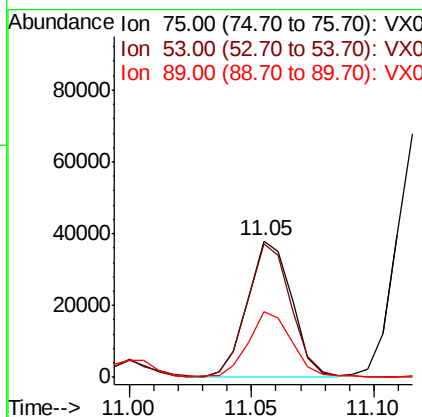
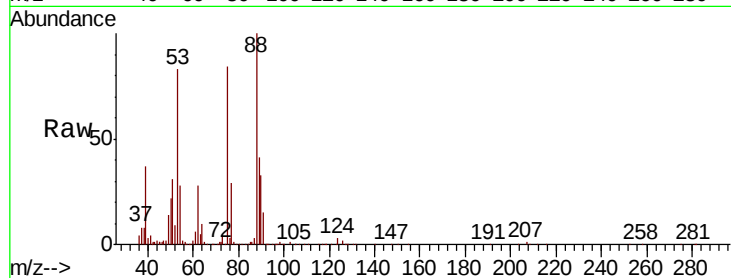




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.054 ug/l  
RT: 11.05 min Scan# 1635  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

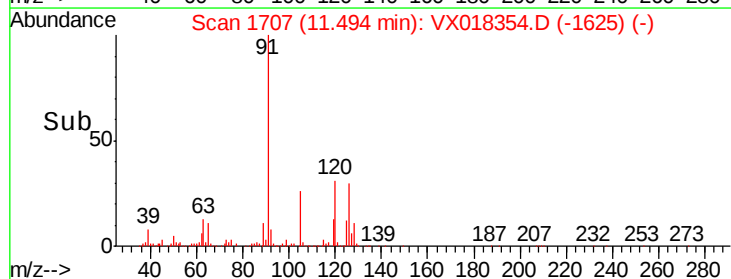
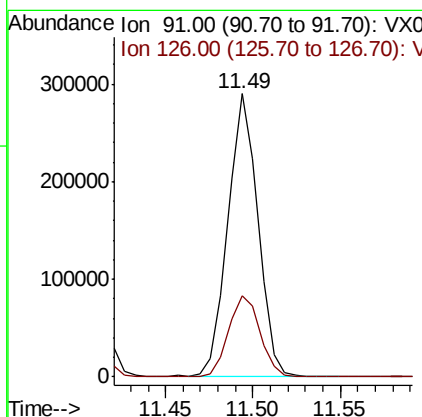
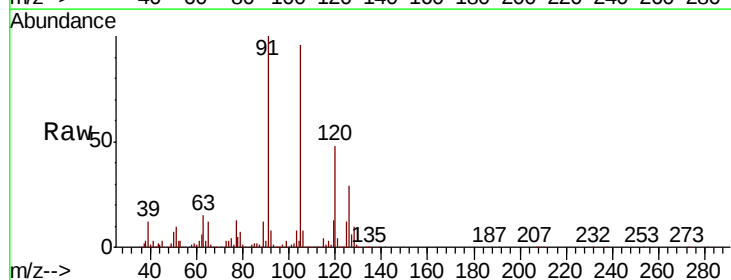
Instrument :  
MSVOA\_X  
ClientSampleId :

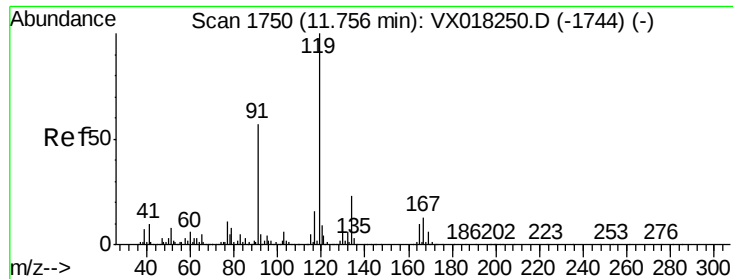
Tot Ion: 75 Resp: 47708  
Ion Ratio Lower Upper  
75 100  
53 98.0 52.1 156.4  
89 48.5 22.1 66.3



#78  
4-Chlorotoluene  
Concen: 18.802 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion: 91 Resp: 346676  
Ion Ratio Lower Upper  
91 100  
126 29.8 0.0 59.2

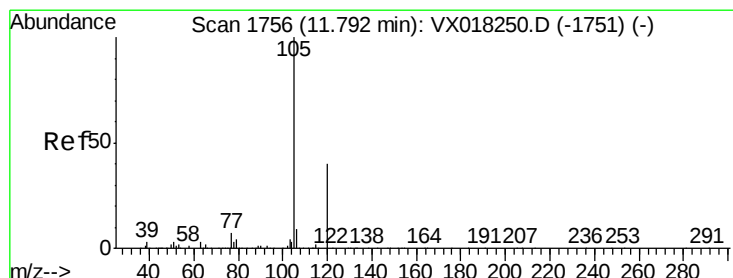
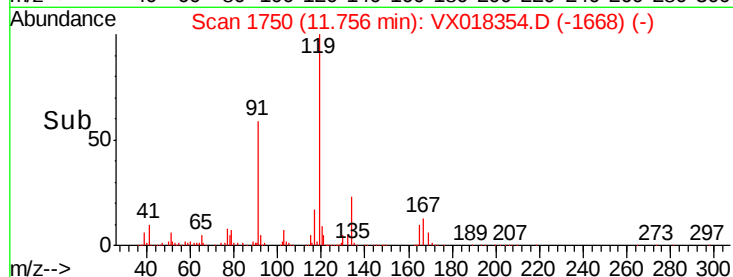
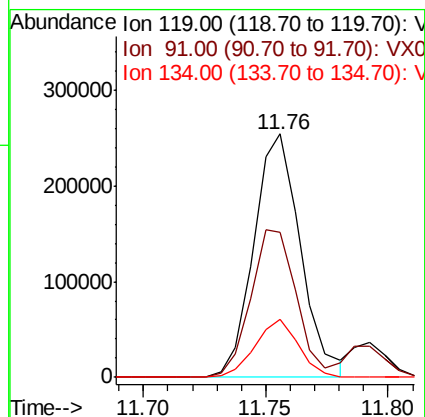
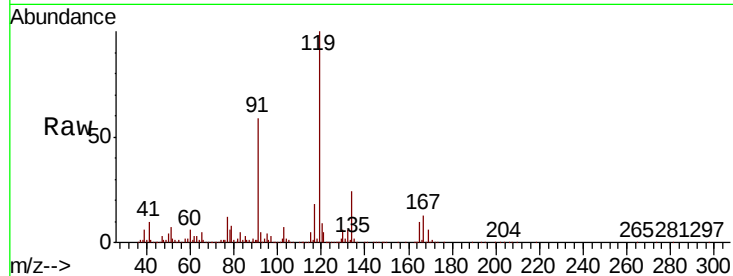




#79  
tert-butylbenzene  
Concen: 18.713 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

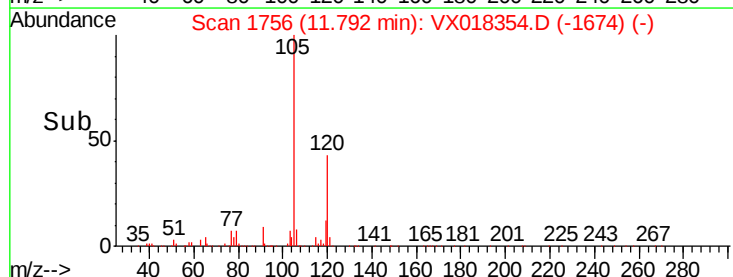
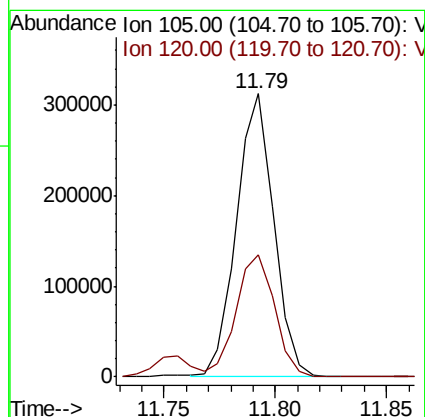
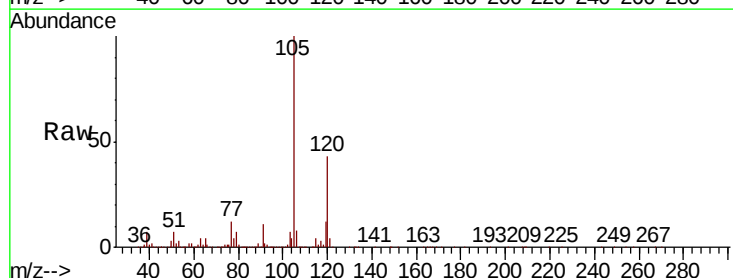
Instrument :  
MSVOA\_X  
ClientSampleId :

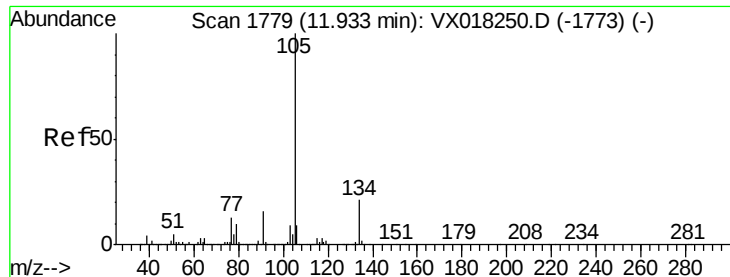
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.7  | 0.0   | 111.8 |
| 134     | 22.1  | 0.0   | 42.4  |



#80  
1,2,4-Trimethylbenzene  
Concen: 19.593 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.5  | 0.0   | 89.2  |

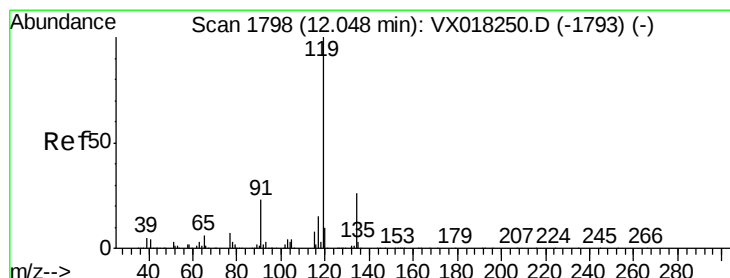
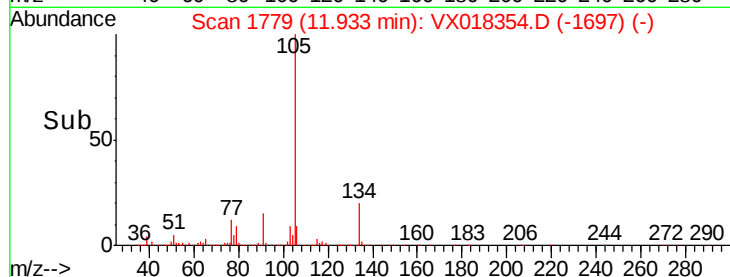
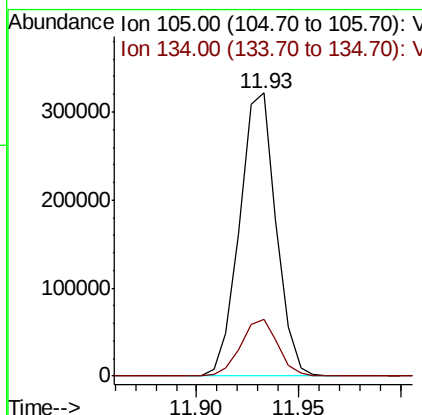
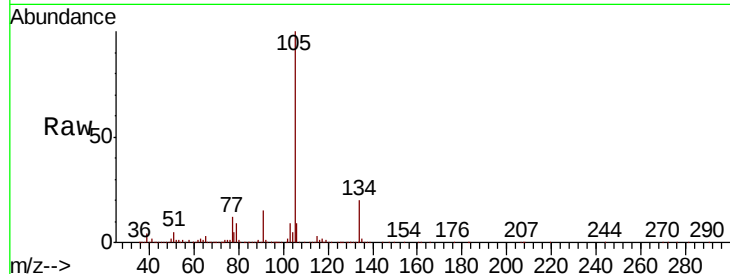




#81  
 sec-Butylbenzene  
 Concen: 18.769 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

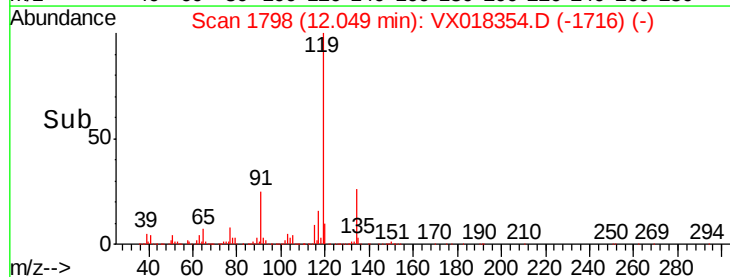
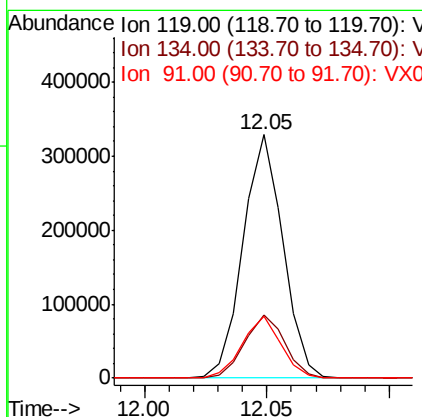
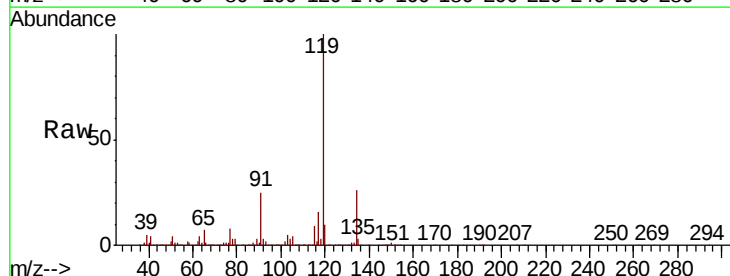
Instrument :  
 MSVOA\_X  
 ClientSampleId :

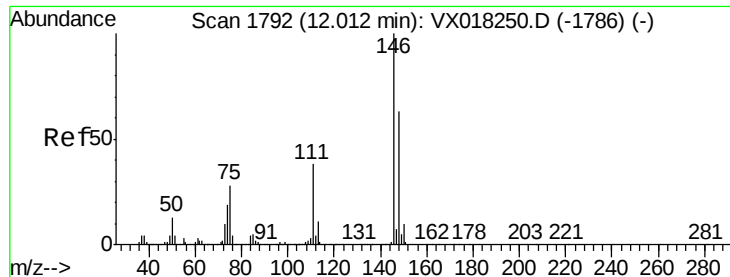
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.1  | 0.0   | 40.0  |



#82  
 p-Isopropyltoluene  
 Concen: 18.860 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.1  | 0.0   | 53.0  |
| 91      | 24.8  | 0.0   | 49.8  |

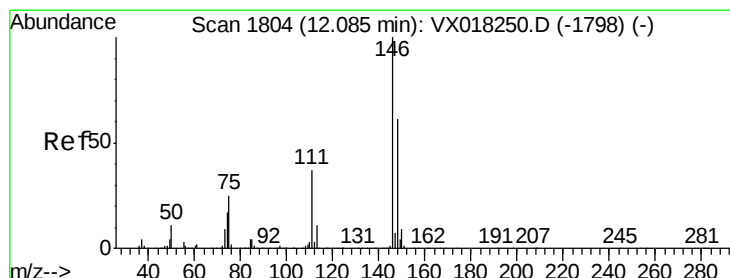
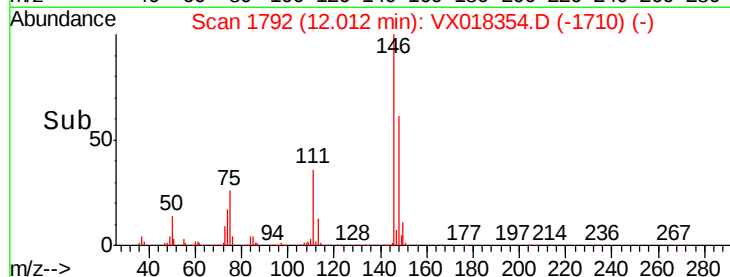
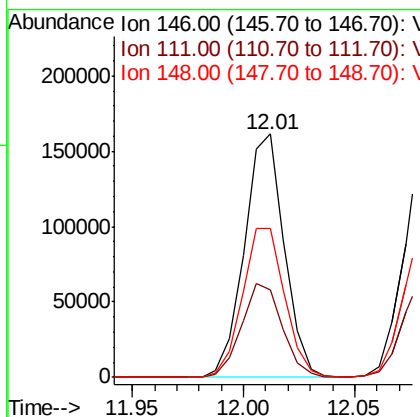
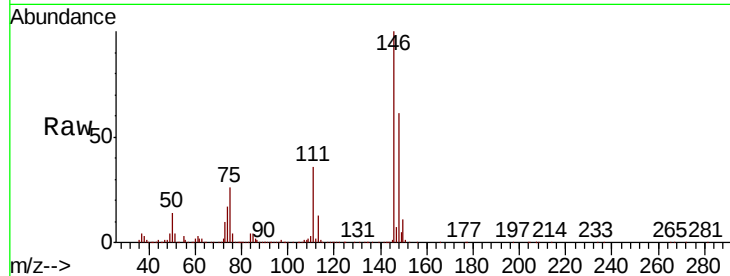




#83  
 1,3-Dichlorobenzene  
 Concen: 19.067 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

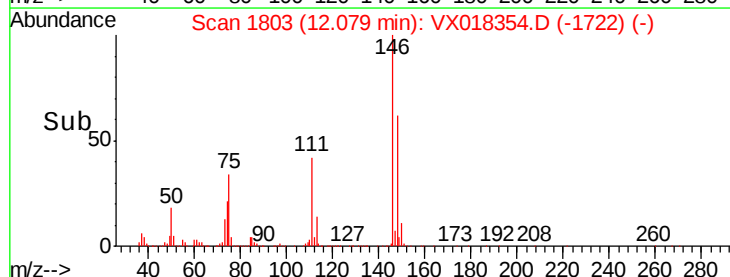
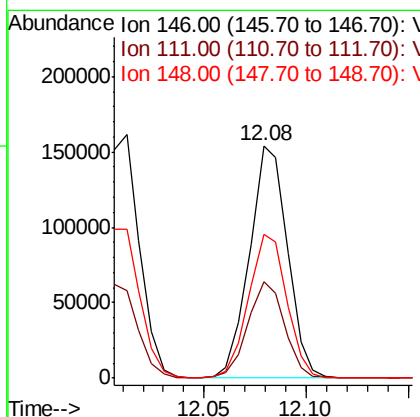
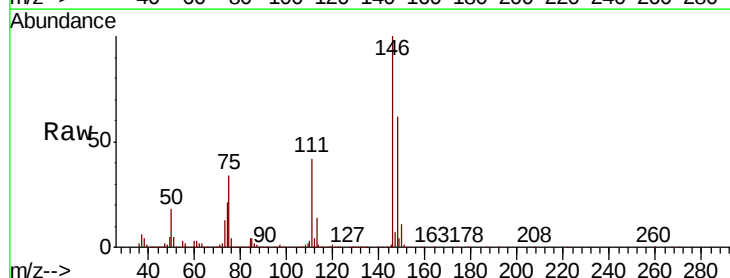
Instrument :  
 MSVOA\_X  
 ClientSampleId :

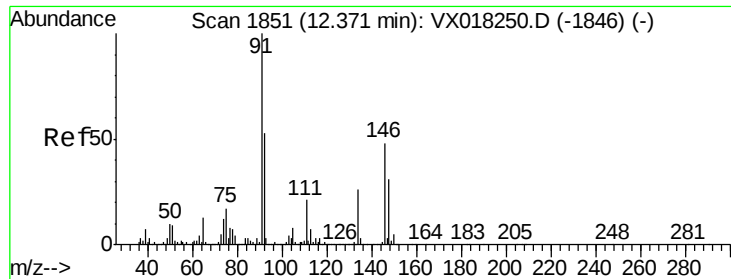
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 20.0  | 59.9  |
| 148     | 64.7  | 32.1  | 96.3  |



#84  
 1,4-Dichlorobenzene  
 Concen: 18.735 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.0  | 19.3  | 57.8  |
| 148     | 62.8  | 31.7  | 95.1  |

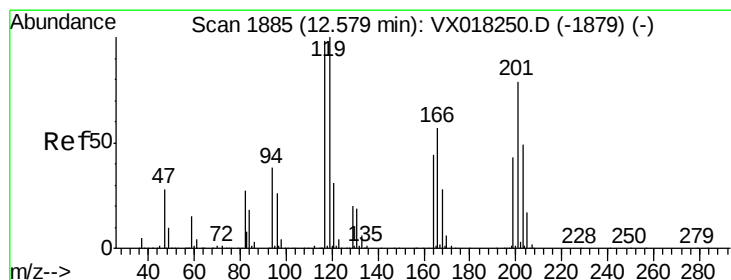
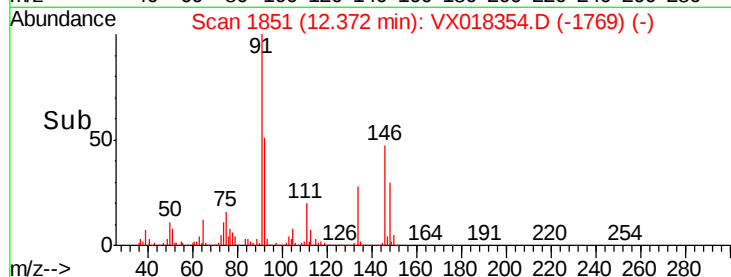
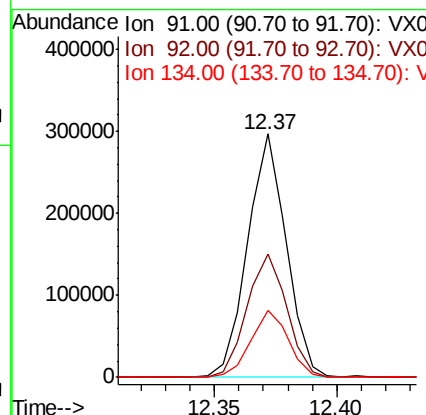
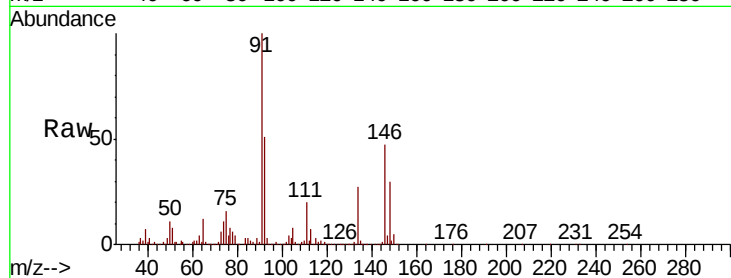




#85  
n-Butylbenzene  
Concen: 18.684 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

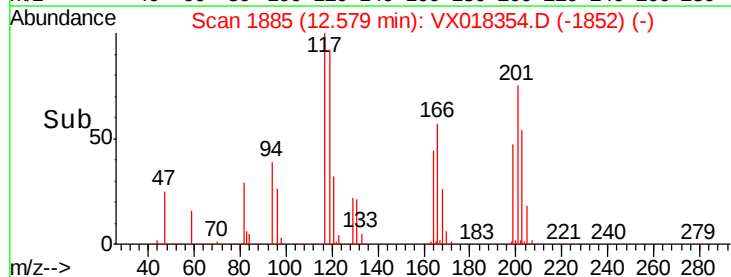
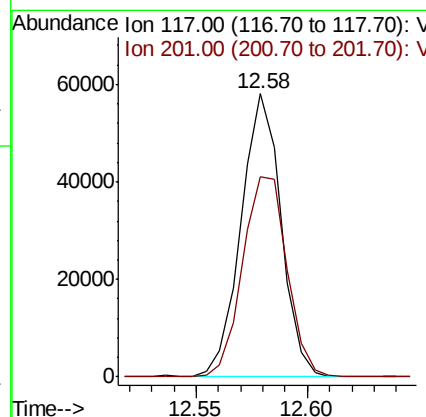
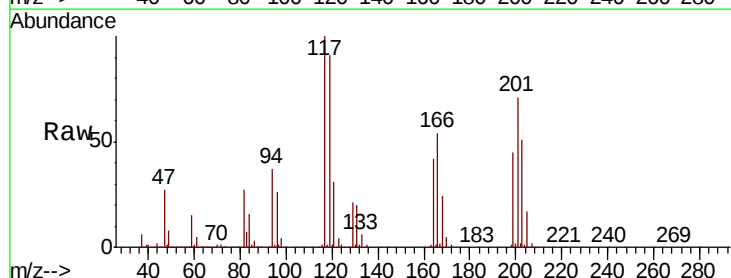
Instrument :  
MSVOA\_X  
ClientSampleId :

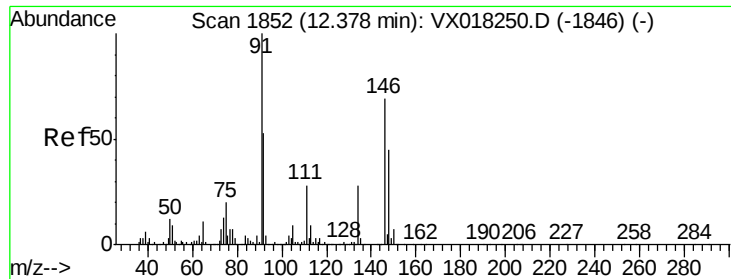
Tot Ion: 91 Resp: 325603  
Ion Ratio Lower Upper  
91 100  
92 52.3 0.0 105.0  
134 27.0 0.0 51.0



#86  
Hexachloroethane  
Concen: 18.690 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX018354.D  
Acq: 11 Sep 2020 12:09

Tgt Ion: 117 Resp: 72837  
Ion Ratio Lower Upper  
117 100  
201 78.6 39.6 118.8

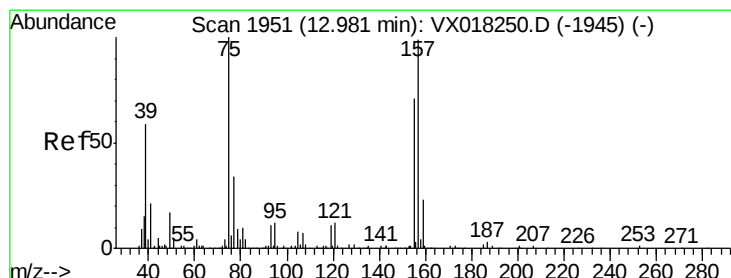
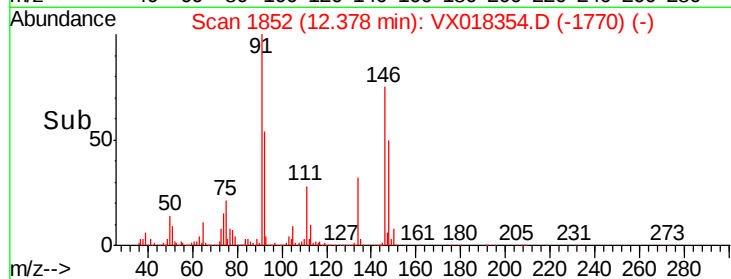
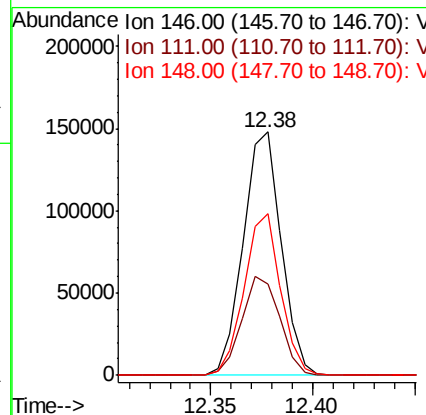
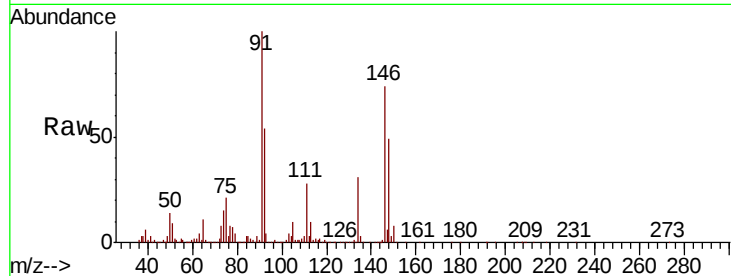




#87  
 1,2-Dichlorobenzene  
 Concen: 19.190 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

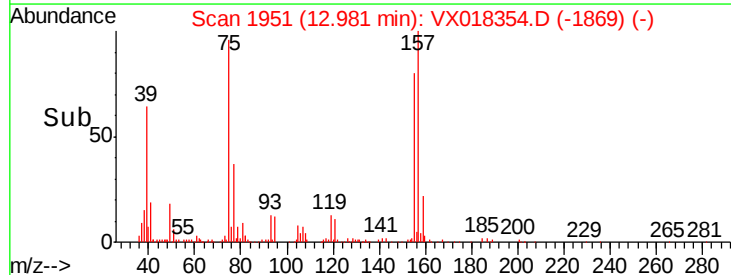
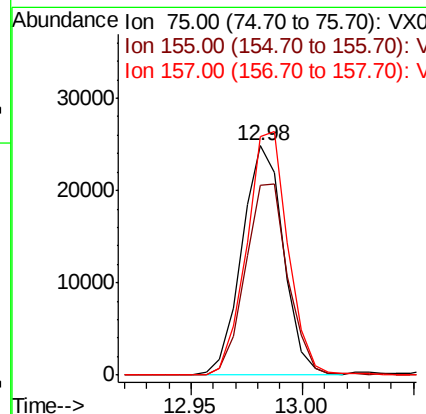
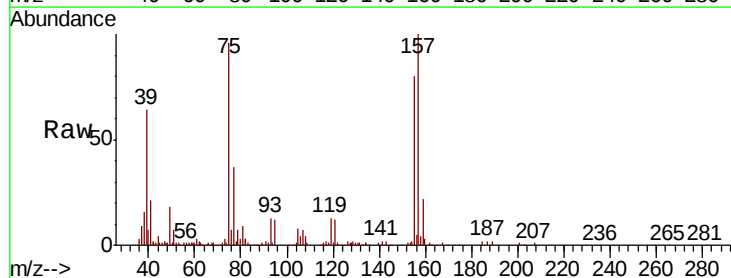
Instrument :  
 MSVOA\_X  
 ClientSampleId :

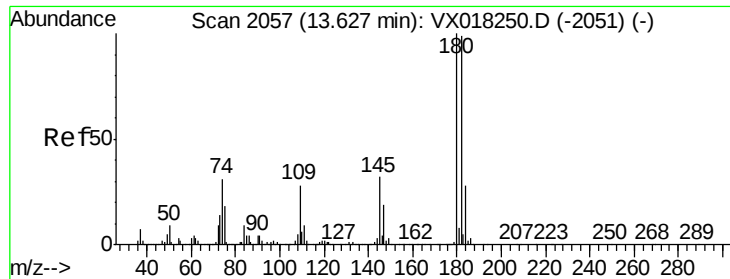
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.8  | 21.4  | 64.3  |
| 148     | 64.0  | 32.0  | 96.2  |



#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.852 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 85.3  | 63.4  | 95.2  |
| 157     | 106.1 | 87.0  | 130.6 |

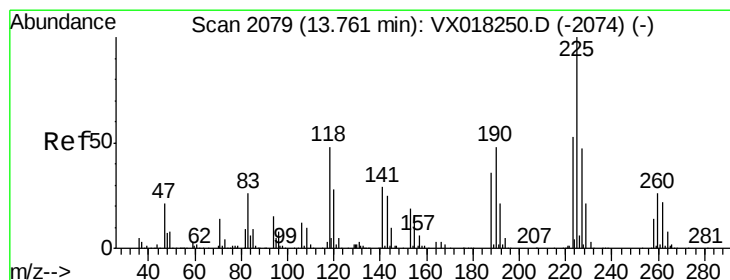
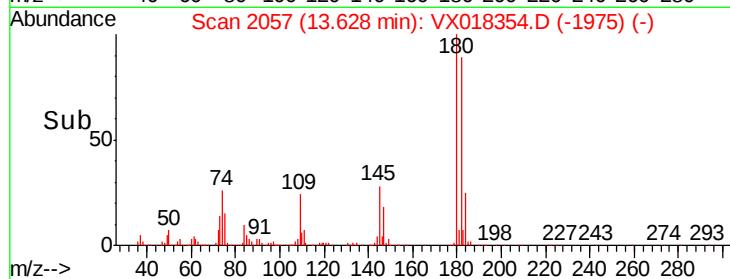
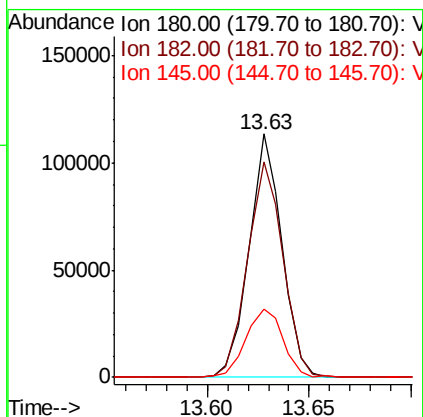
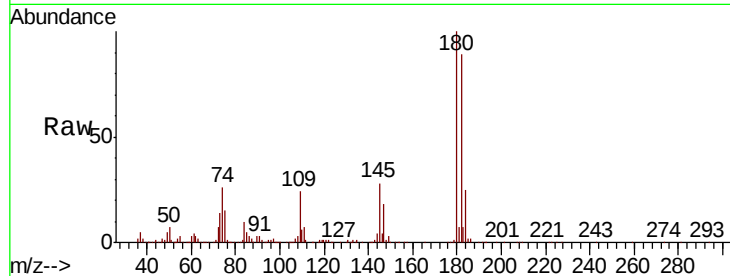




#89  
 1,2,4-Trichlorobenzene  
 Concen: 18.957 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

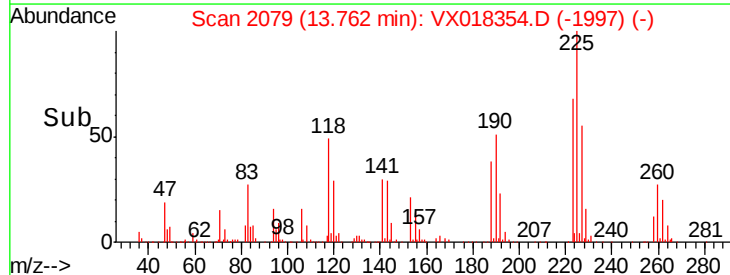
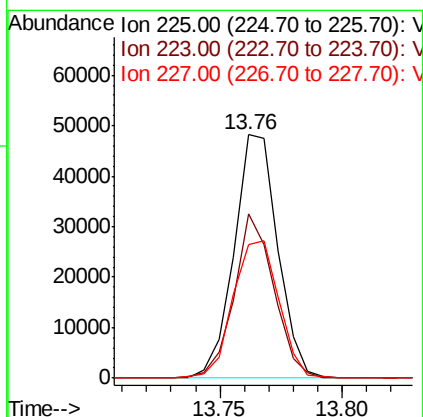
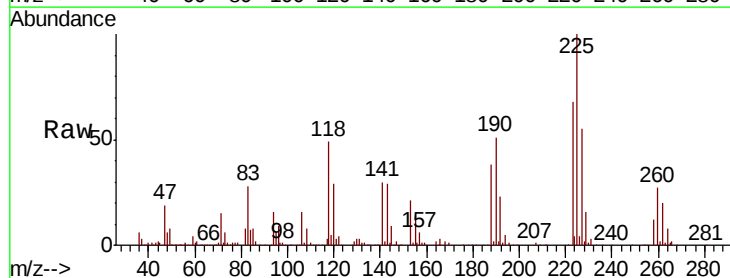
Instrument :  
 MSVOA\_X  
 ClientSampleId :

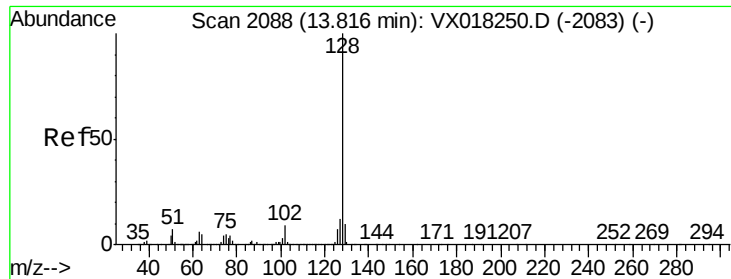
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 77.1  | 115.7 |
| 145     | 31.6  | 25.0  | 37.6  |



#90  
 Hexachlorobutadiene  
 Concen: 21.053 ug/l  
 RT: 13.76 min Scan# 2079  
 Delta R.T. 0.00 min  
 Lab File: VX018354.D  
 Acq: 11 Sep 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.1  | 0.0   | 115.8 |
| 227     | 59.2  | 0.0   | 117.0 |





#91

Naphthalene

Concen: 18.323 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA\_X

ClientSampleId :

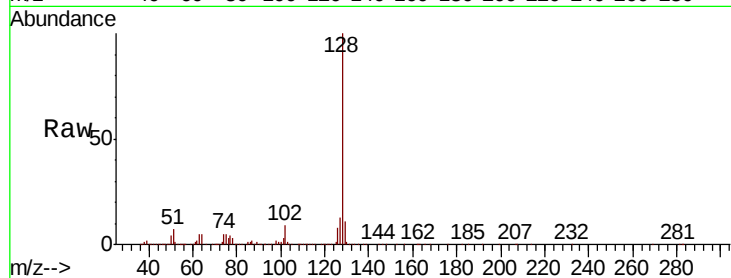
Tot Ion:128 Resp: 384323

Ion Ratio Lower Upper

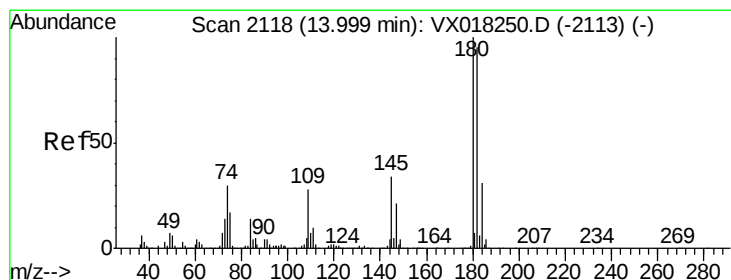
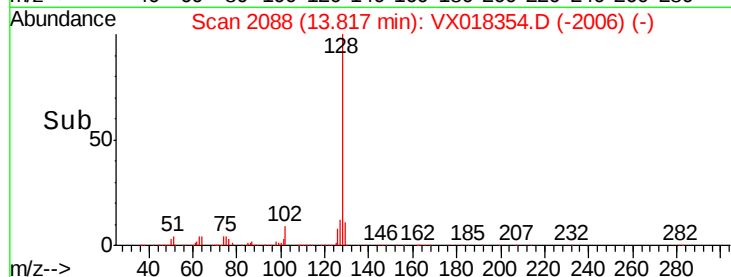
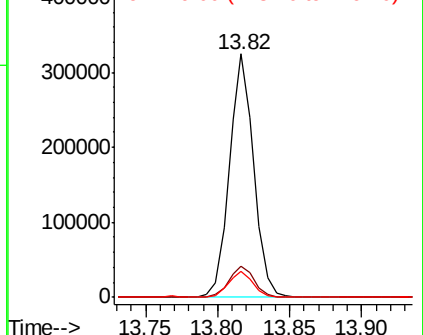
128 100

127 13.0 10.2 15.4

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.814 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

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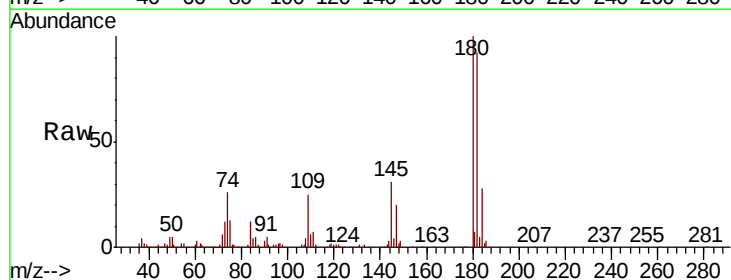
Tgt Ion:180 Resp: 125089

Ion Ratio Lower Upper

180 100

182 93.7 0.0 191.6

145 33.5 0.0 67.4



Abundance Ion 180.00 (179.70 to 180.70): V  
Ion 182.00 (181.70 to 182.70): V  
Ion 145.00 (144.70 to 145.70): V

