

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\  
 Data File : VX0137850.D  
 Acq On : 09 Dec 2019 14:37  
 Operator : JC/SP  
 Sample : VX1209WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 10 03:25:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 583188   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 892064   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 805294   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 383191   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 313014   | 46.24 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.48% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 261314   | 47.38 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.76% |      |
| 50) Toluene-d8            | 8.71   | 98  | 973687   | 45.32 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.64% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 345271   | 44.56 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.12% |      |

## Target Compounds

|                               |      |     |         |        | Qvalue |     |
|-------------------------------|------|-----|---------|--------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 102453  | 15.783 | ug/l   | 98  |
| 3) Chloromethane              | 1.32 | 50  | 119619  | 16.423 | ug/l   | 100 |
| 4) Vinyl Chloride             | 1.40 | 62  | 139794  | 17.052 | ug/l   | 98  |
| 5) Bromomethane               | 1.63 | 94  | 79564   | 14.452 | ug/l   | 95  |
| 6) Chloroethane               | 1.72 | 64  | 77704   | 16.657 | ug/l   | 97  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 145643  | 16.000 | ug/l   | 100 |
| 8) Diethyl Ether              | 2.18 | 74  | 70156   | 17.035 | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 91892   | 16.527 | ug/l   | 98  |
| 10) Methyl Iodide             | 2.50 | 142 | 87349   | 12.987 | ug/l   | 99  |
| 11) Tert butyl alcohol        | 3.03 | 59  | 130375  | 78.025 | ug/l   | 98  |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 90107   | 16.235 | ug/l   | 97  |
| 13) Acrolein                  | 2.28 | 56  | 106203  | 98.760 | ug/l   | 97  |
| 14) Allyl chloride            | 2.72 | 41  | 164040  | 16.287 | ug/l   | 99  |
| 15) Acrylonitrile             | 3.13 | 53  | 290554  | 84.241 | ug/l   | 98  |
| 16) Acetone                   | 2.43 | 43  | 272598  | 81.563 | ug/l   | 98  |
| 17) Carbon Disulfide          | 2.56 | 76  | 226267  | 14.301 | ug/l   | 100 |
| 18) Methyl Acetate            | 2.76 | 43  | 168497  | 18.105 | ug/l   | 98  |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 313730  | 17.064 | ug/l   | 99  |
| 20) Methylene Chloride        | 2.85 | 84  | 109061  | 16.985 | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 96050   | 15.886 | ug/l   | 97  |
| 22) Diisopropyl ether         | 3.84 | 45  | 346621  | 17.873 | ug/l   | 96  |
| 23) Vinyl Acetate             | 3.80 | 43  | 1375347 | 85.247 | ug/l   | 98  |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 183351  | 17.294 | ug/l   | 99  |
| 25) 2-Butanone                | 4.65 | 43  | 414948  | 83.539 | ug/l   | 97  |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 132982  | 15.160 | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 112515  | 16.205 | ug/l   | 99  |
| 28) Bromochloromethane        | 5.00 | 49  | 83276   | 19.869 | ug/l   | 100 |
| 29) Tetrahydrofuran           | 5.11 | 42  | 267686  | 87.420 | ug/l   | 99  |
| 30) Chloroform                | 5.20 | 83  | 179998  | 16.741 | ug/l   | 97  |
| 31) Cyclohexane               | 5.57 | 56  | 155190  | 15.519 | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 146784  | 16.336 | ug/l   | 100 |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 130675  | 16.137 | ug/l   | 99  |
| 37) Ethyl Acetate             | 4.82 | 43  | 153137  | 16.857 | ug/l   | 98  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 124648  | 16.694 | ug/l   | 97  |

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 Operator : JC/SP  
 Sample : VX1209WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 10 03:25:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 26 15:53:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 155872   | 15.572  | ug/l  | 97       |
| 40) Benzene                    | 6.14  | 78   | 411801   | 16.697  | ug/l  | 98       |
| 41) Methacrylonitrile          | 5.03  | 41   | 86278    | 17.318  | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 148633   | 17.671  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 250162   | 16.727  | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 108237   | 15.991  | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 107062   | 17.350  | ug/l  | 98       |
| 46) Dibromomethane             | 7.65  | 93   | 71320    | 17.018  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.89  | 83   | 133371   | 16.834  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 122848   | 16.906  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 51740    | 318.095 | ug/l  | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 815166   | 86.650  | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 257474   | 16.805  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 140691   | 15.601  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 159453   | 16.184  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 108502   | 17.573  | ug/l  | 97       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 163741   | 16.495  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 180120   | 16.925  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 351546   | 90.325  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 623570   | 84.988  | ug/l  | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 105354   | 16.442  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 112896   | 17.120  | ug/l  | 97       |
| 64) Tetrachloroethene          | 9.33  | 164  | 100772   | 16.780  | ug/l  | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 274989   | 16.447  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 102243   | 17.030  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 480269   | 16.716  | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.35 | 106  | 362376   | 32.944  | ug/l  | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 177672   | 16.562  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 299855   | 16.616  | ug/l  | 100      |
| 71) Bromoform                  | 10.85 | 173  | 81036    | 16.313  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 475485   | 17.690  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 208889   | 16.965  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 170465   | 18.287  | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 182274   | 21.149  | ug/l  | 89       |
| 77) Bromobenzene               | 11.25 | 156  | 124415   | 17.133  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 523238   | 17.438  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 320199   | 17.789  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 389778   | 17.693  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 47731    | 15.151  | ug/l  | 93       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 359173   | 17.229  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 393878   | 17.592  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 391054   | 17.490  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 445005   | 17.401  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 405191   | 17.032  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 208091   | 16.439  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 213050   | 16.524  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 333387   | 16.430  | ug/l  | 98       |
| 90) Hexachloroethane           | 12.59 | 117  | 71516    | 16.631  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 213174   | 17.045  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 35350    | 17.414  | ug/l  | 95       |

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Data File : VX0137850.D  
Acq On : 09 Dec 2019 14:37  
Operator : JC/SP  
Sample : VX1209WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 6 Sample Multiplier: 1

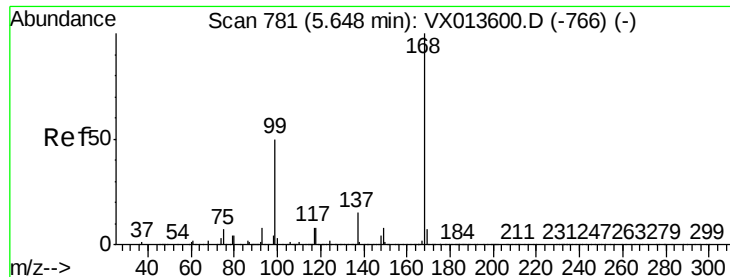
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 10 03:25:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112619W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 26 15:53:00 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 134572   | 15.439 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 64018    | 15.289 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 422443   | 16.275 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 140386   | 16.267 | ug/l  | 99       |

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

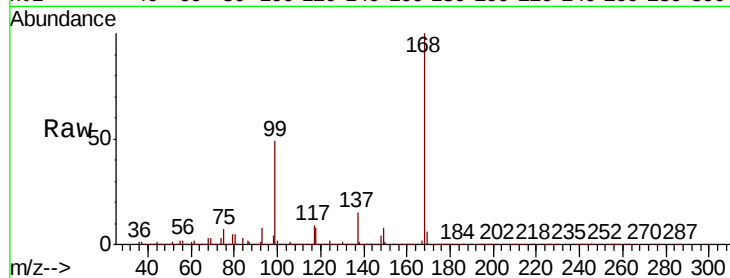




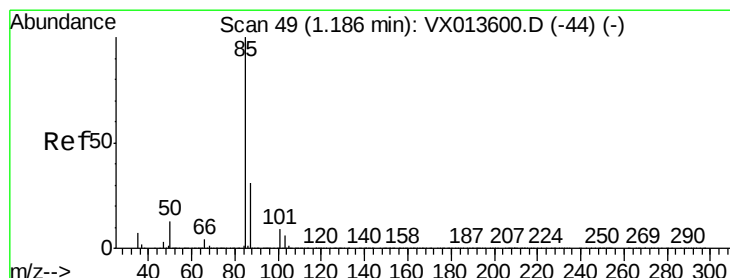
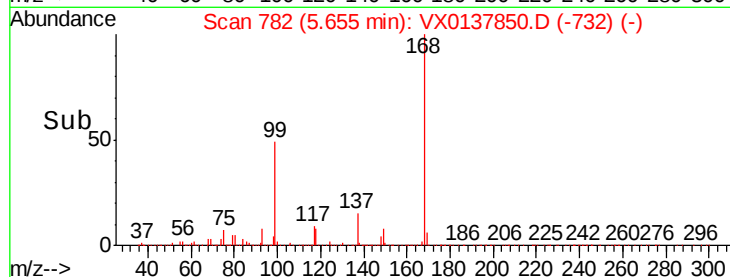
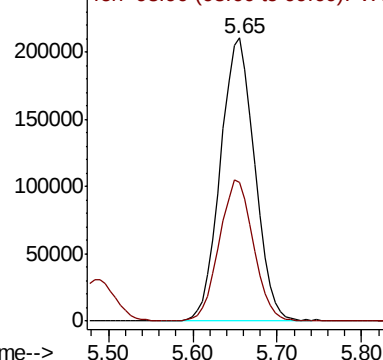
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.65 min Scan# 782  
Delta R.T. 0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 583188  
Ion Ratio Lower Upper  
168 100  
99 48.6 39.8 59.8

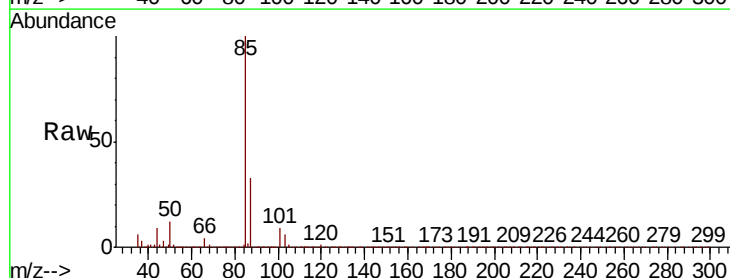


Abundance Ion 167.90 (167.60 to 168.60): V  
Ion 98.90 (98.60 to 99.60): VX0

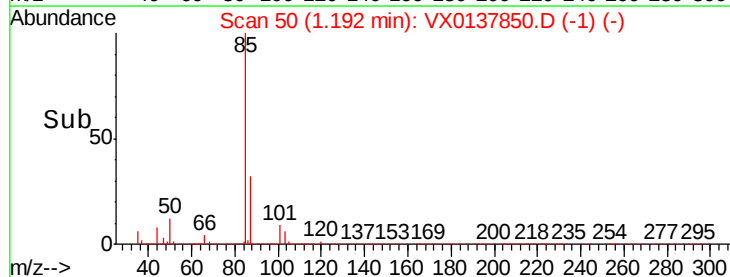
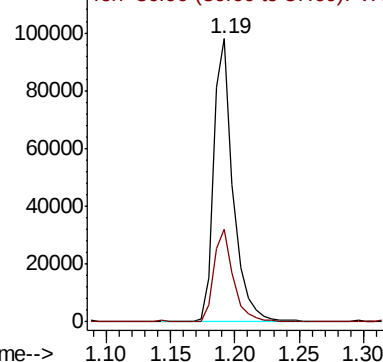


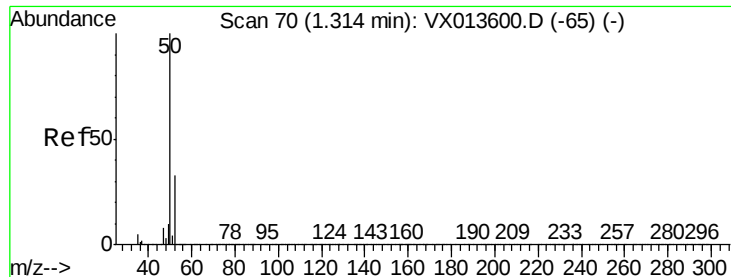
#2  
Dichlorodifluoromethane  
Concen: 15.783 ug/l  
RT: 1.19 min Scan# 50  
Delta R.T. 0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion: 85 Resp: 102453  
Ion Ratio Lower Upper  
85 100  
87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0  
Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.423 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

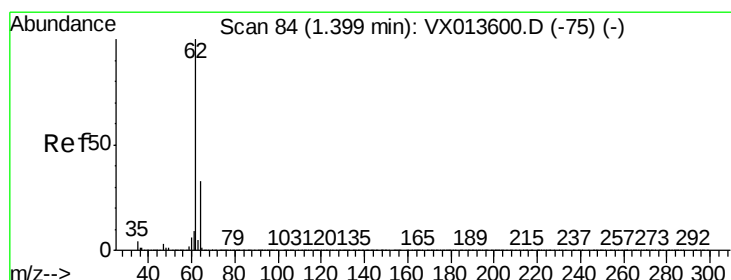
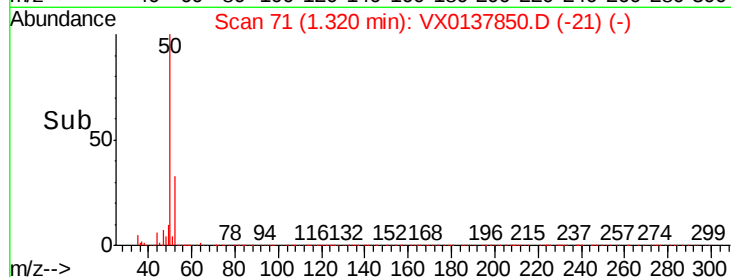
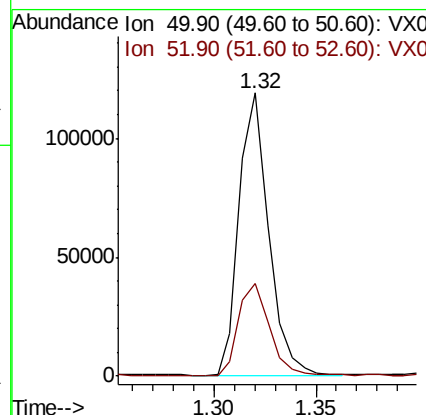
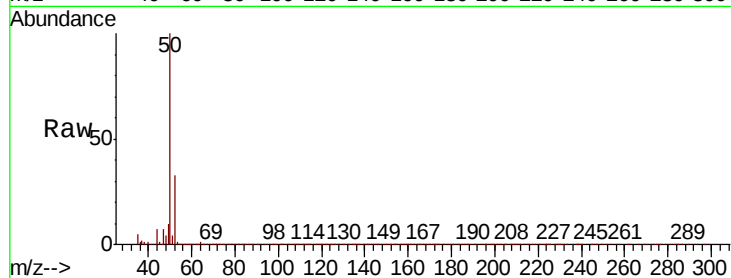
ClientSampled :

Tot Ion: 50 Resp: 119619

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 17.052 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX0137850.D

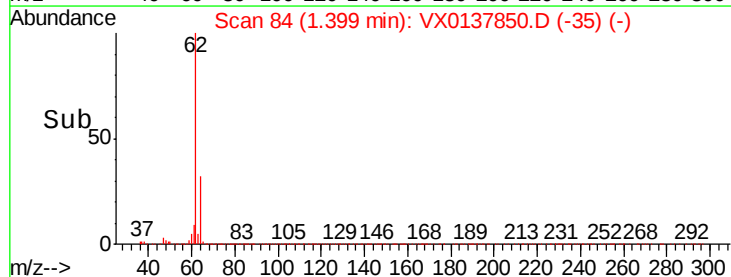
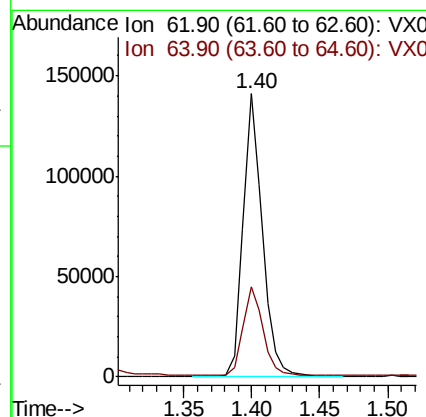
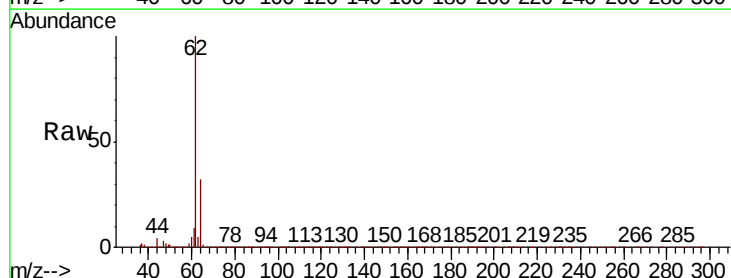
Acq: 09 Dec 2019 14:37

Tgt Ion: 62 Resp: 139794

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 14.452 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

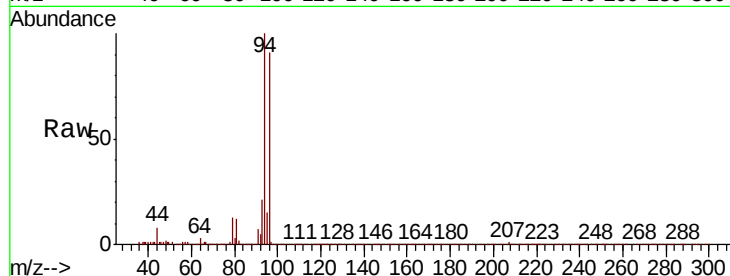
ClientSampled :

Tot Ion: 94 Resp: 79564

Ion Ratio Lower Upper

94 100

96 91.1 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

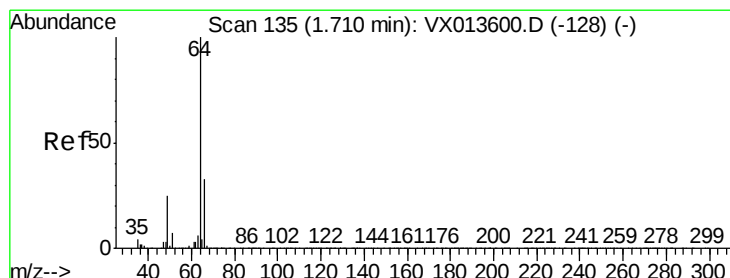
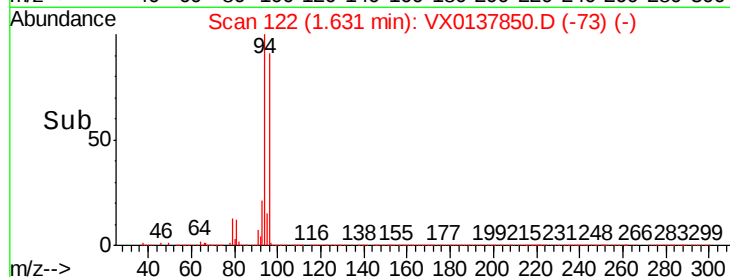
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 16.657 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX0137850.D

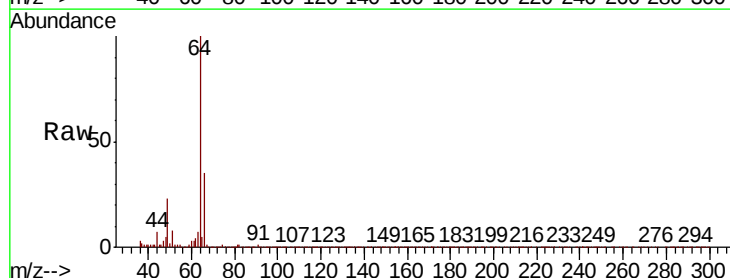
Acq: 09 Dec 2019 14:37

Tgt Ion: 64 Resp: 77704

Ion Ratio Lower Upper

64 100

66 35.3 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

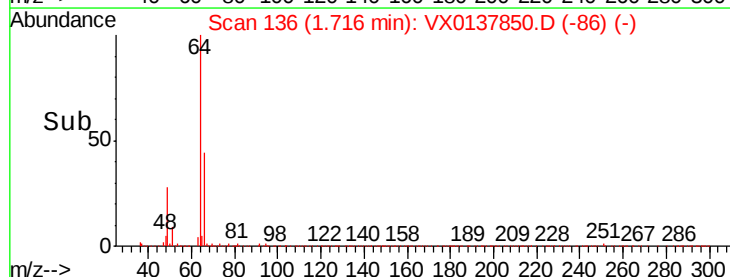
60000

40000

20000

0

Time--> 1.65 1.70 1.75 1.80



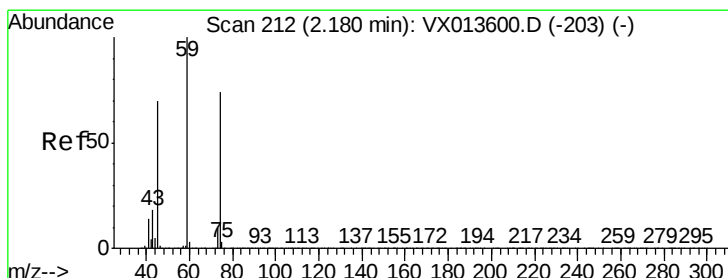
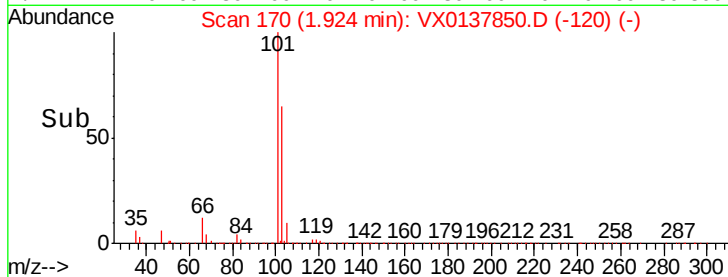
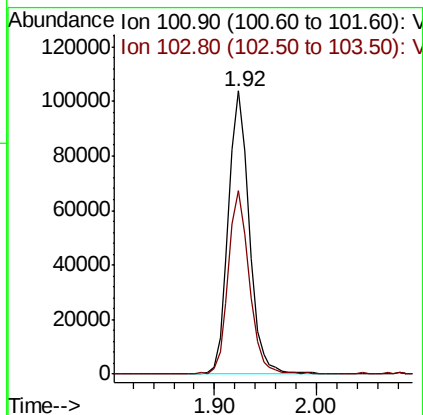
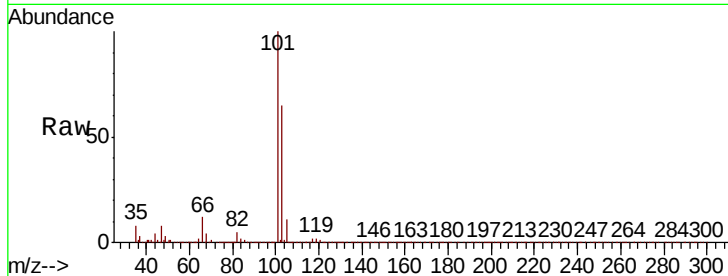


#7

Trichlorofluoromethane  
Concen: 16.000 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. 0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :

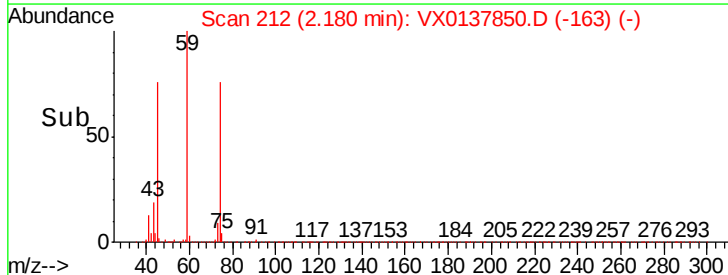
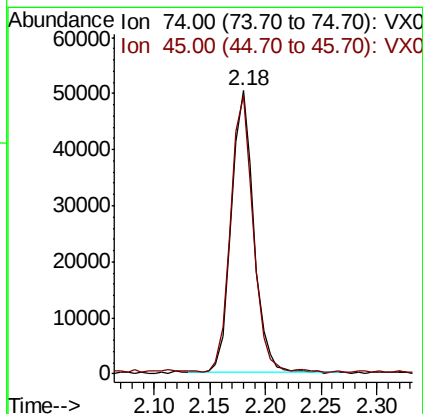
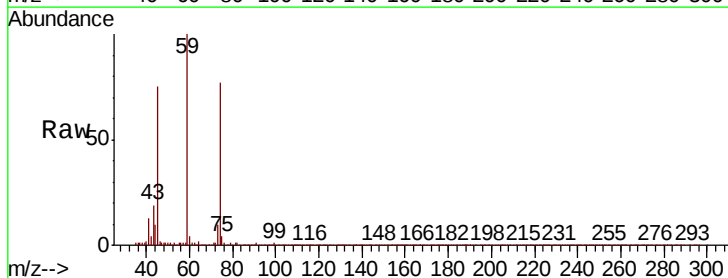
Tot Ion:101 Resp: 145643  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.8 77.6

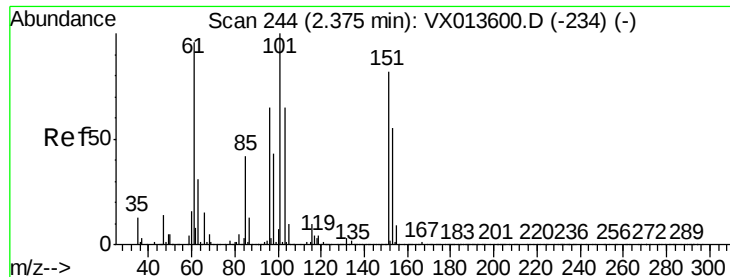


#8

Diethyl Ether  
Concen: 17.035 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion: 74 Resp: 70156  
Ion Ratio Lower Upper  
74 100  
45 97.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.527 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

ClientSampleId :

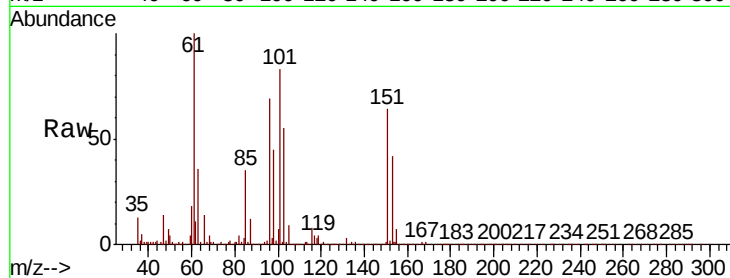
Tot Ion:101 Resp: 91892

Ion Ratio Lower Upper

101 100

85 43.8 33.9 50.9

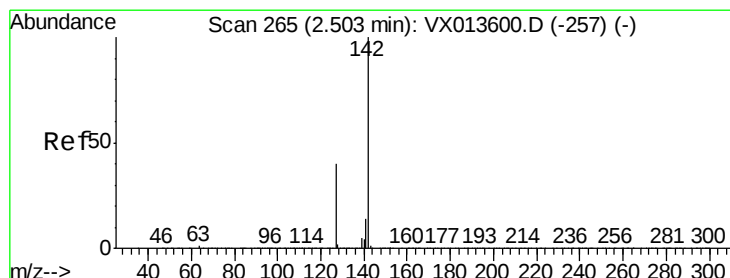
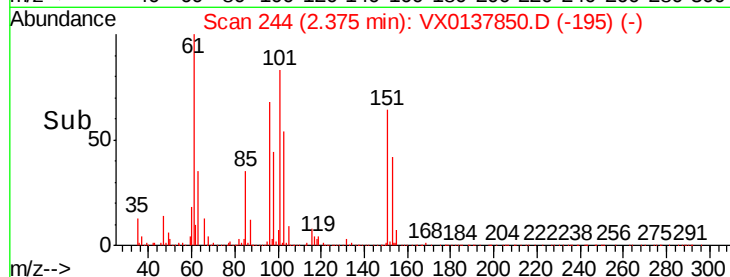
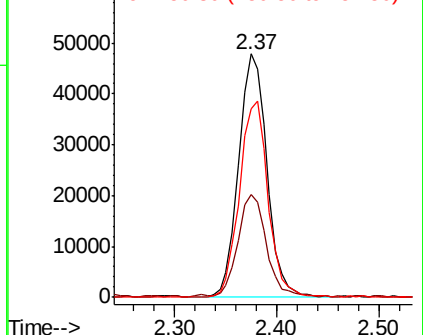
151 81.9 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.987 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

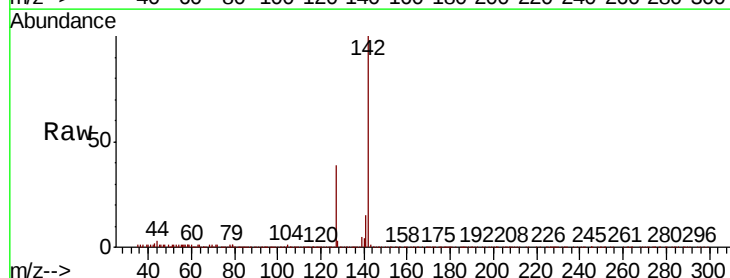
Tgt Ion:142 Resp: 87349

Ion Ratio Lower Upper

142 100

127 39.3 31.0 46.4

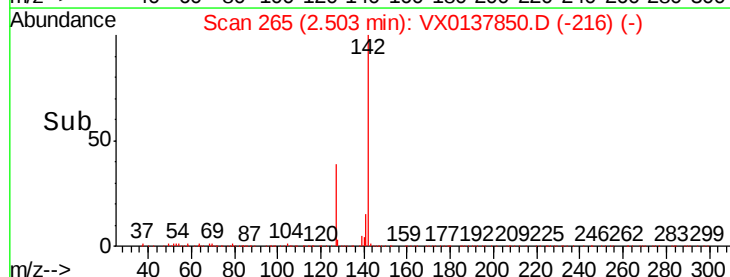
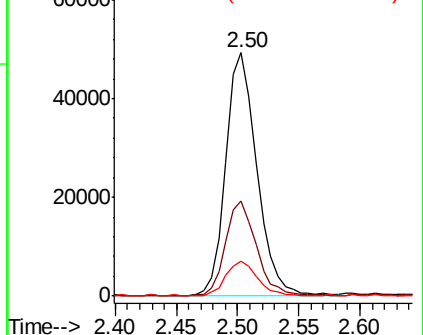
141 14.2 11.6 17.4

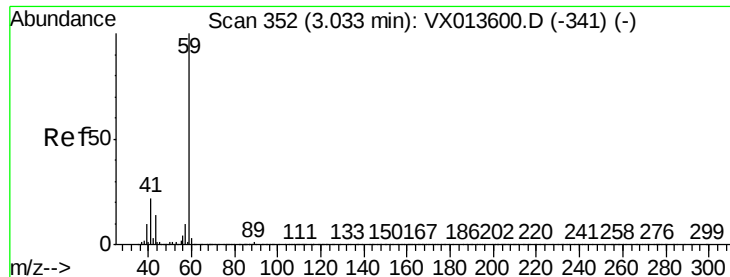


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



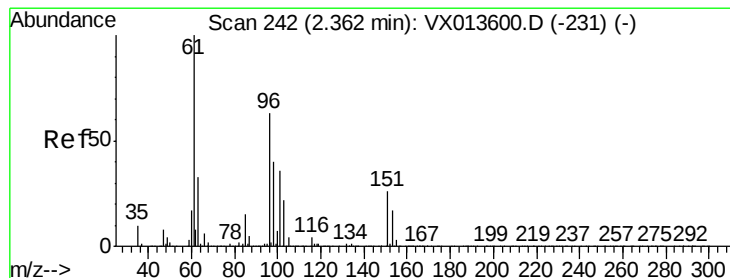
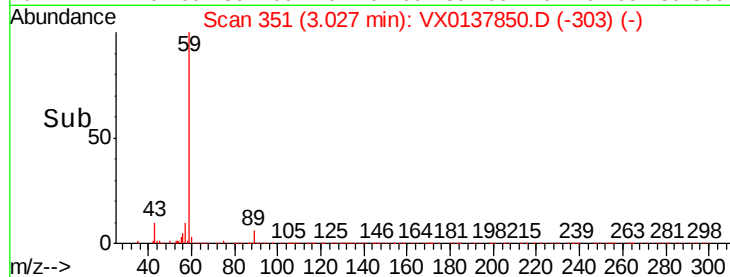
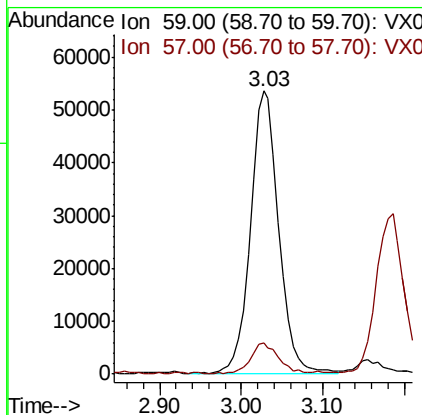
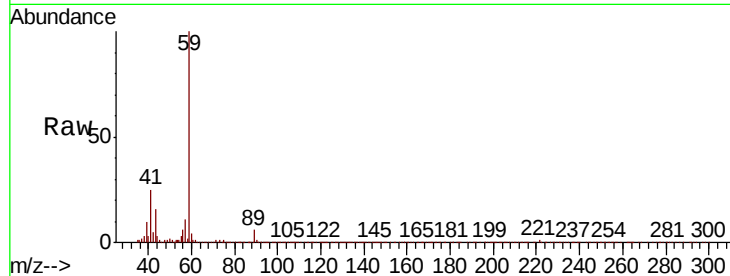


#11

Tert butyl alcohol  
Concen: 78.025 ug/l  
RT: 3.03 min Scan# 351  
Delta R.T. -0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :

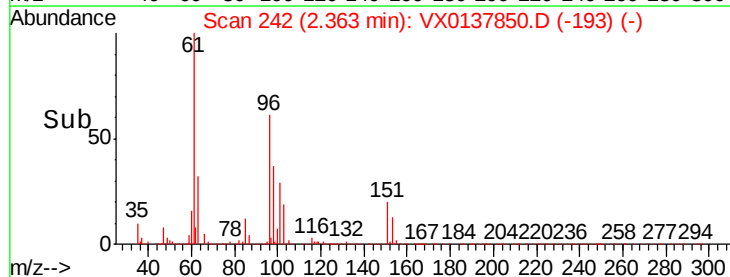
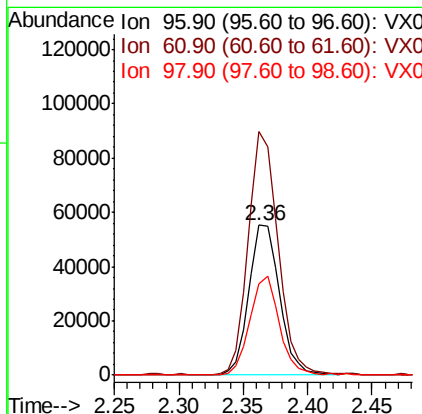
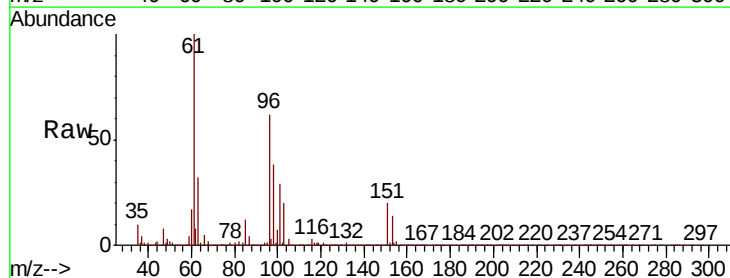
Tot Ion: 59 Resp: 130375  
Ion Ratio Lower Upper  
59 100  
57 10.4 7.8 11.6

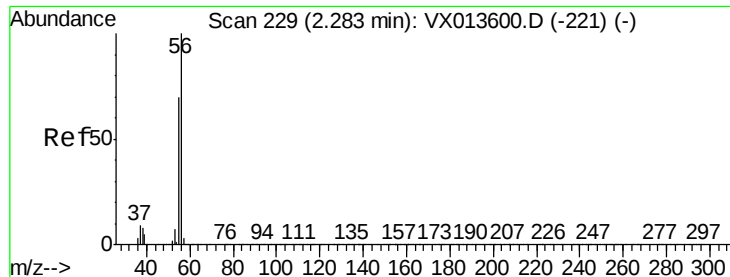


#12

1,1-Dichloroethene  
Concen: 16.235 ug/l  
RT: 2.36 min Scan# 242  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion: 96 Resp: 90107  
Ion Ratio Lower Upper  
96 100  
61 162.5 126.6 190.0  
98 60.9 50.6 76.0





#13

Acrolein

Concen: 98.760 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

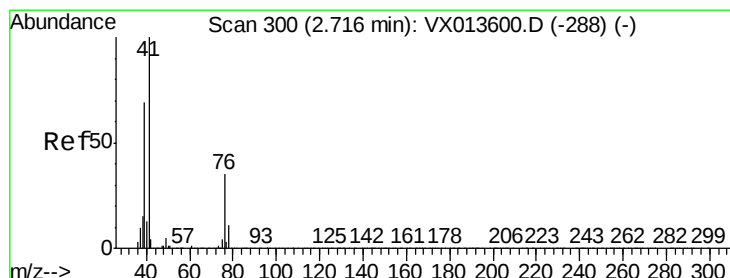
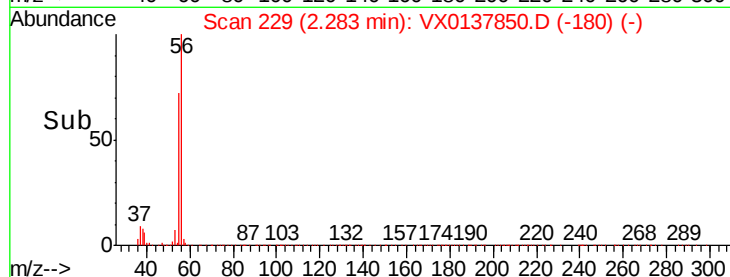
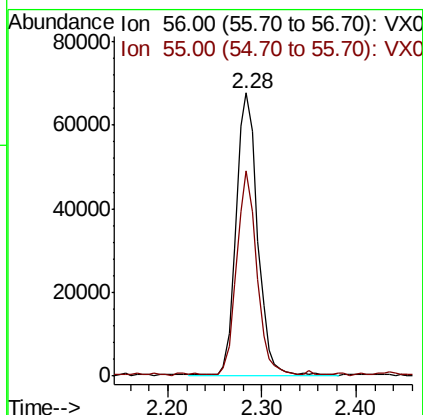
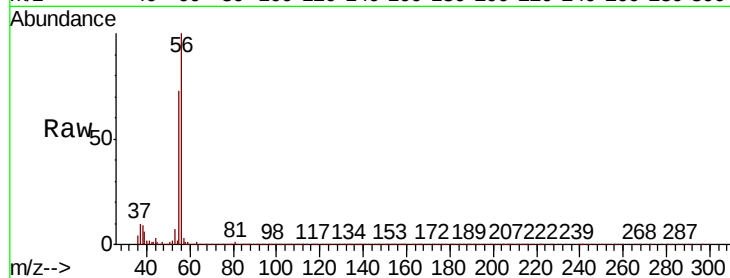
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 56 Resp: 106203

Ion Ratio Lower Upper

56 100

55 68.0 56.2 84.4



#14

Allyl chloride

Concen: 16.287 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

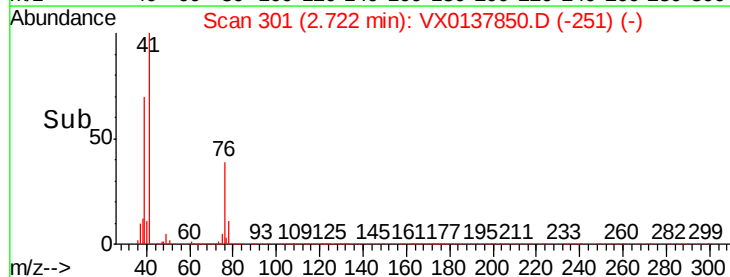
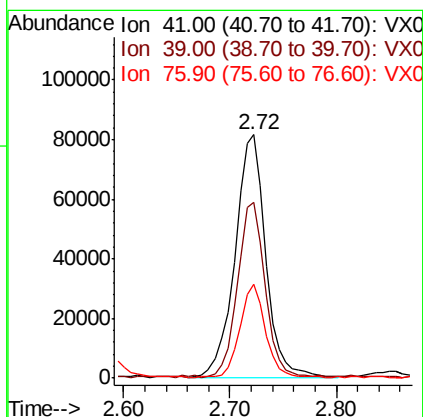
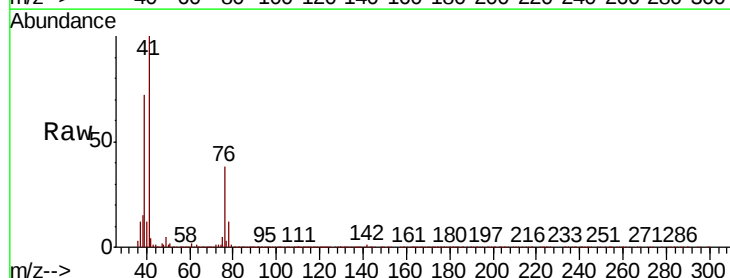
Tgt Ion: 41 Resp: 164040

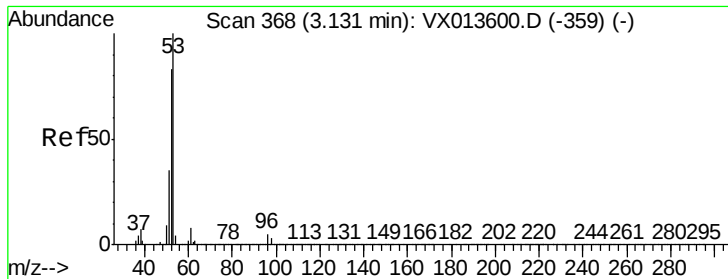
Ion Ratio Lower Upper

41 100

39 65.5 51.7 77.5

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 84.241 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

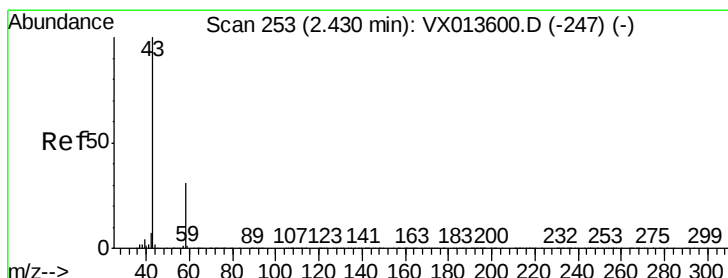
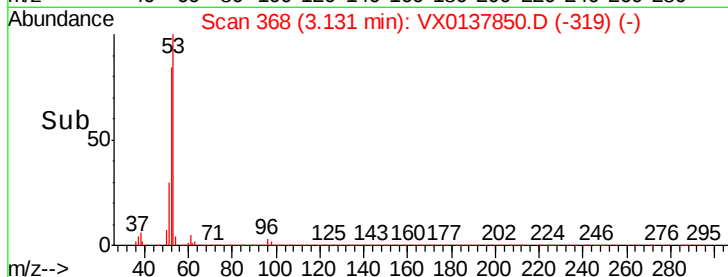
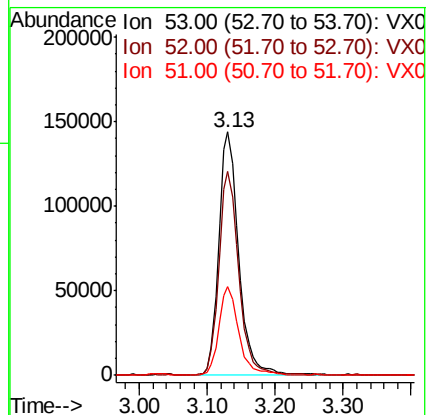
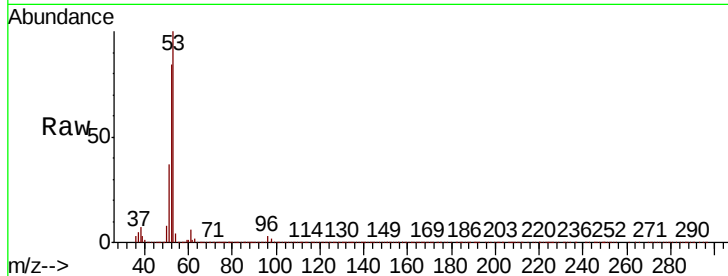
Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 53 Resp: 290554

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 84.8  | 66.2  | 99.2  |
| 51  | 36.4  | 29.0  | 43.6  |



#16

Acetone

Concen: 81.563 ug/l

RT: 2.43 min Scan# 253

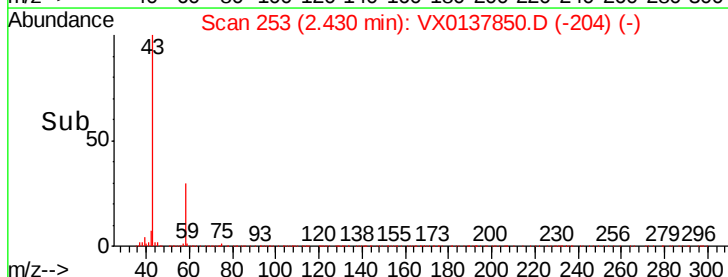
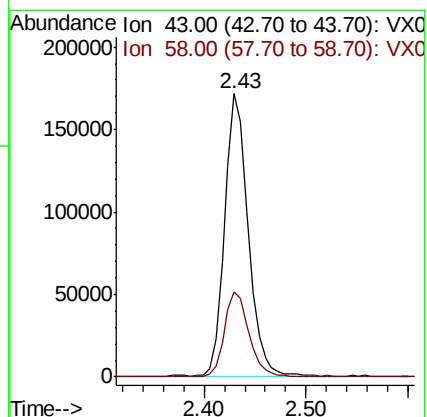
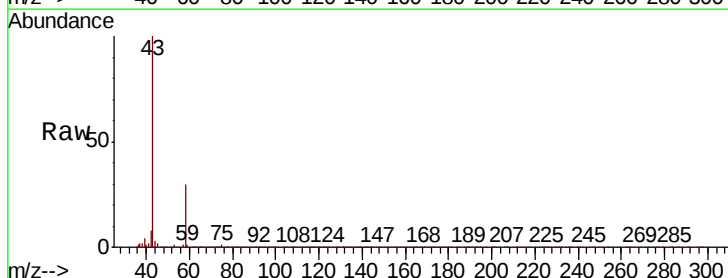
Delta R.T. 0.00 min

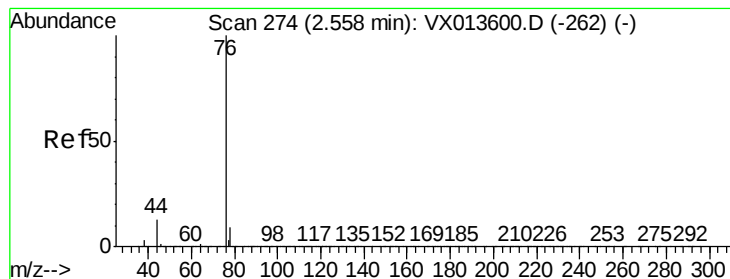
Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Tgt Ion: 43 Resp: 272598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.8  | 24.6  | 36.8  |





#17

Carbon Disulfide

Concen: 14.301 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

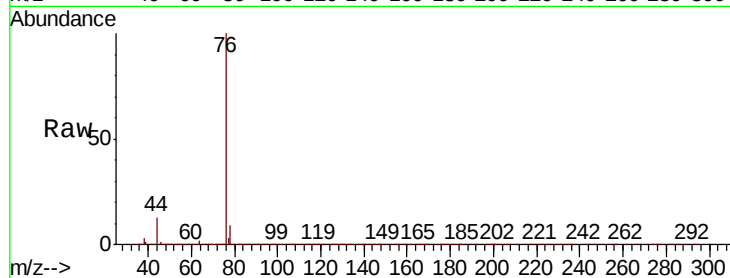
ClientSampleId :

Tot Ion: 76 Resp: 226267

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

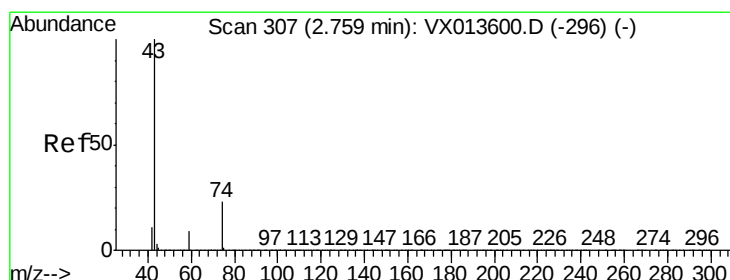
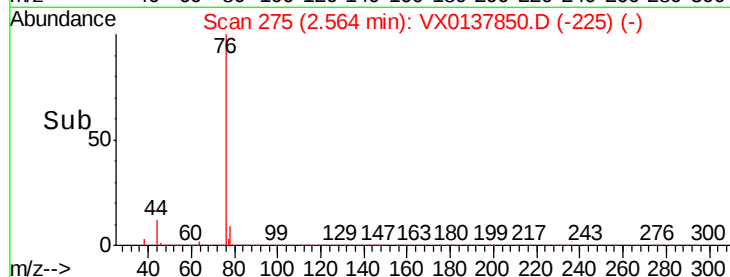
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.105 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX0137850.D

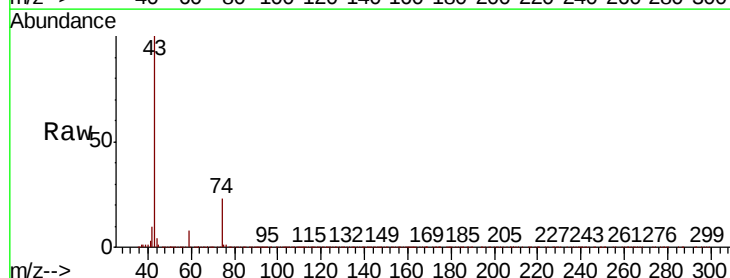
Acq: 09 Dec 2019 14:37

Tgt Ion: 43 Resp: 168497

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

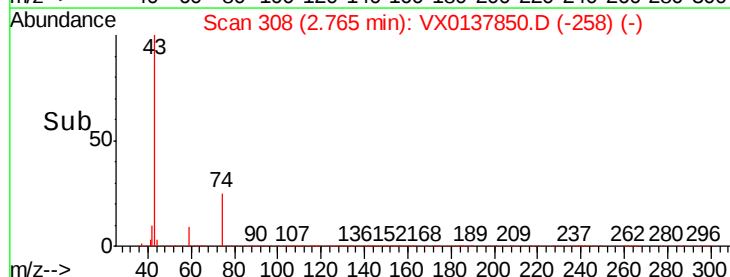
60000

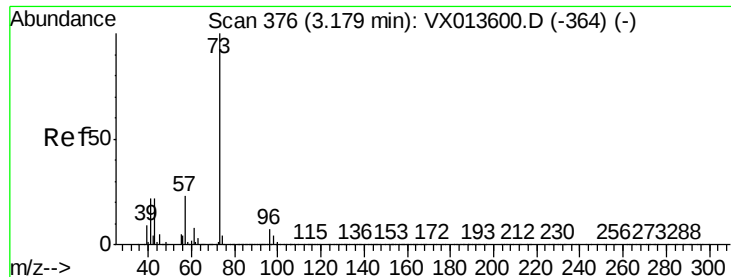
40000

20000

0

Time-->

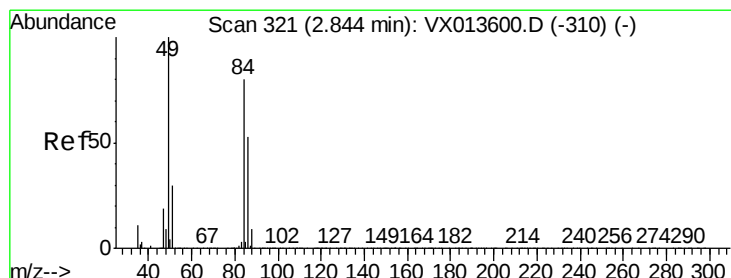
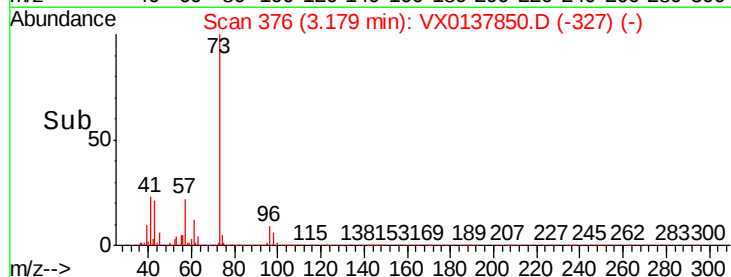
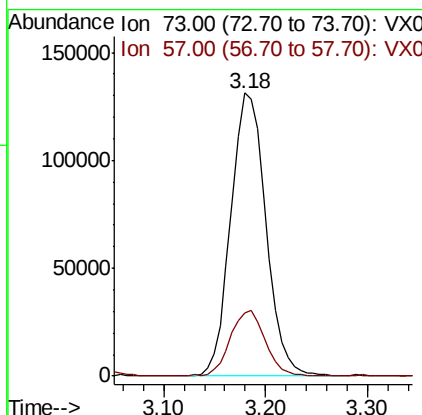
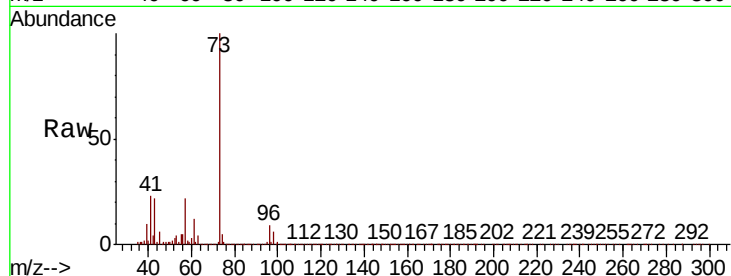




#19  
Methyl tert-butyl Ether  
Concen: 17.064 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

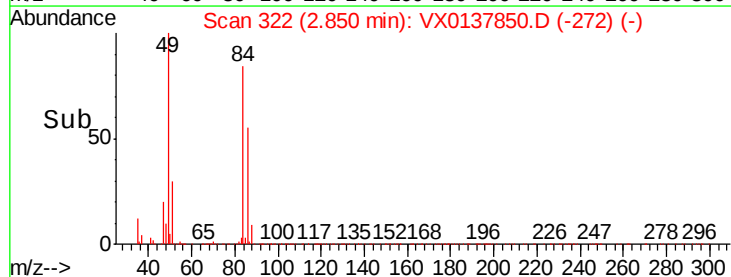
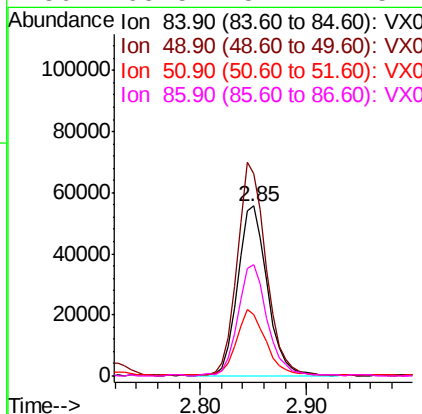
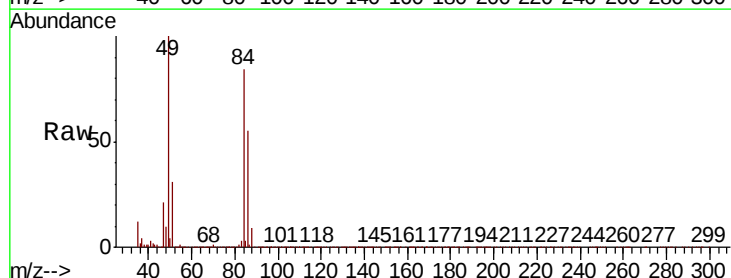
Instrument :  
MSVOA\_X  
ClientSampled :

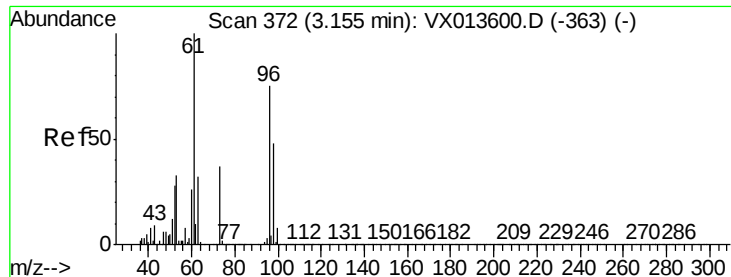
Tot Ion: 73 Resp: 313730  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.3 27.5



#20  
Methylene Chloride  
Concen: 16.985 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion: 84 Resp: 109061  
Ion Ratio Lower Upper  
84 100  
49 118.7 99.7 149.5  
51 36.0 29.9 44.9  
86 65.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 15.886 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :

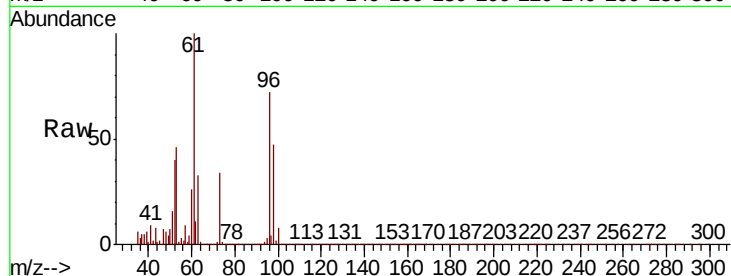
Tot Ion: 96 Resp: 96050

Ion Ratio Lower Upper

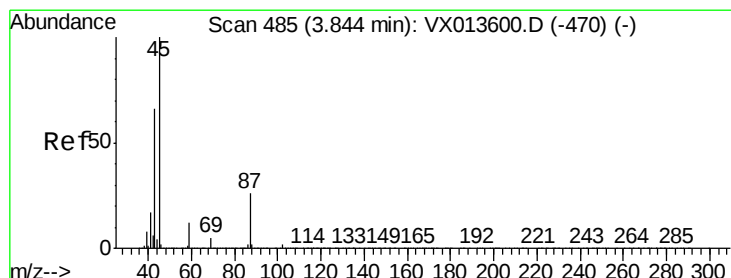
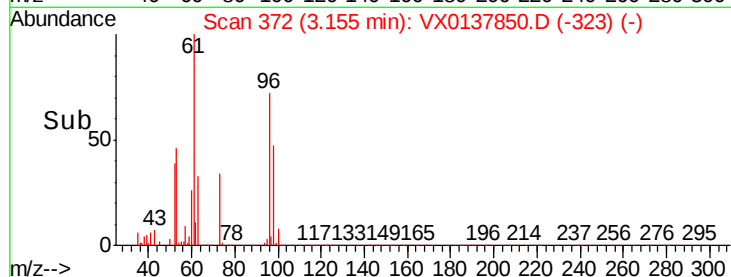
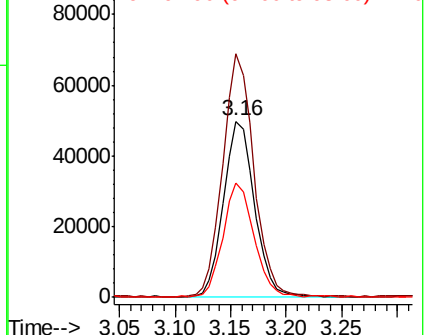
96 100

61 137.9 107.2 160.8

98 64.9 51.4 77.0



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



#22

Diisopropyl ether

Concen: 17.873 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Tgt Ion: 45 Resp: 346621

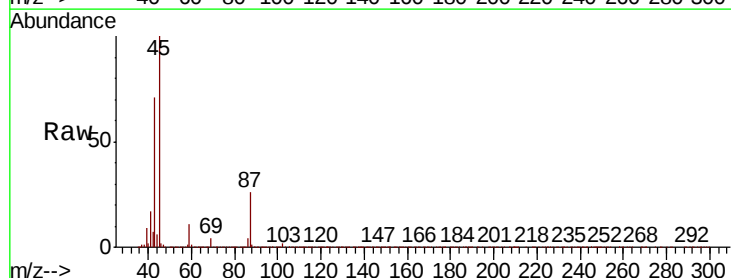
Ion Ratio Lower Upper

45 100

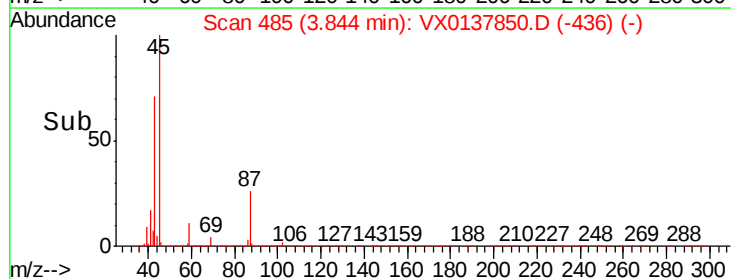
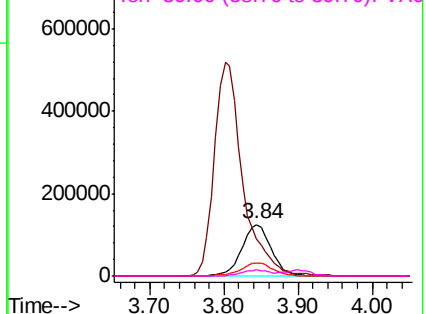
43 70.9 52.6 79.0

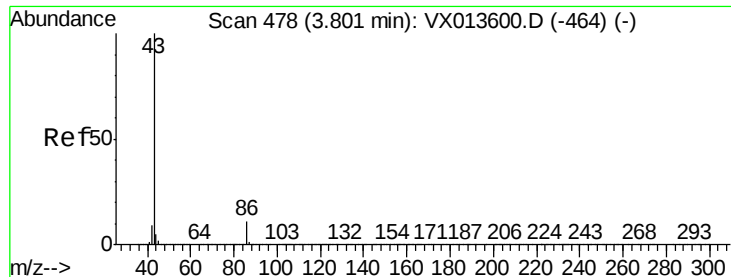
87 26.0 21.1 31.7

59 11.3 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0  
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 85.247 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

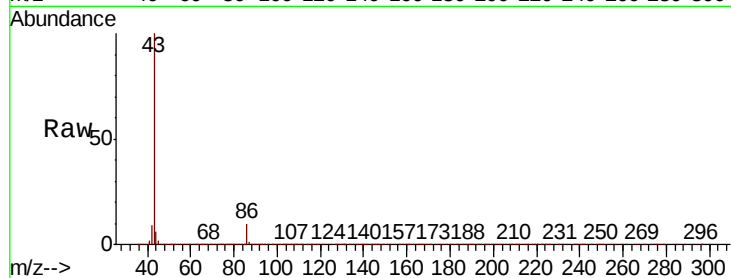
ClientSampled :

Tot Ion: 43 Resp: 1375347

Ion Ratio Lower Upper

43 100

86 10.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

500000

400000

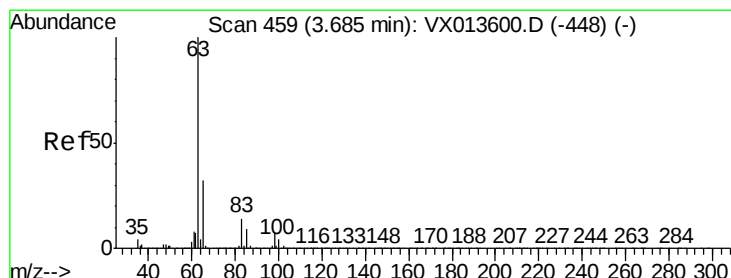
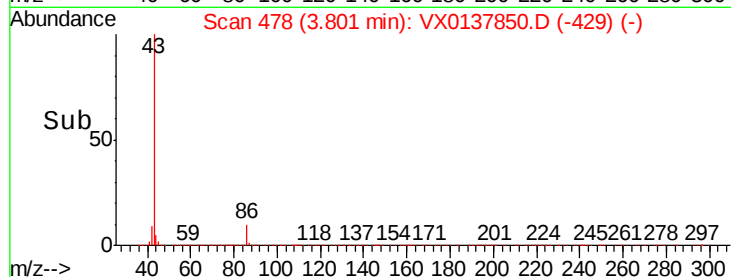
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 17.294 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

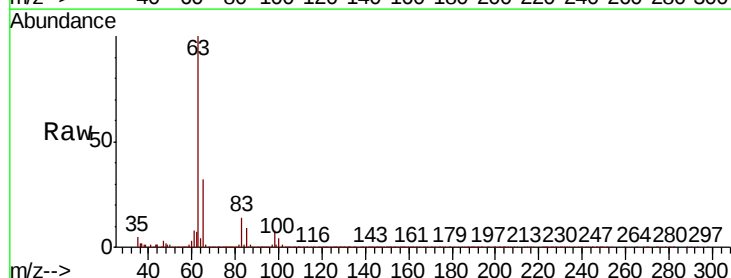
Tgt Ion: 63 Resp: 183351

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

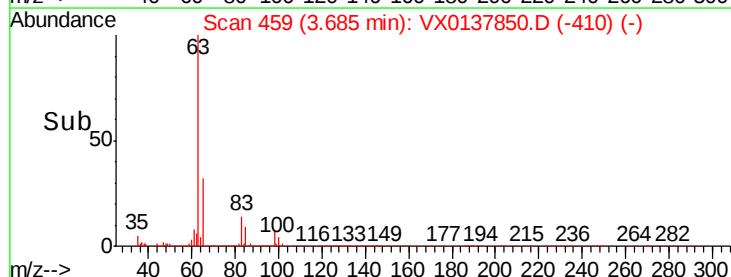
60000

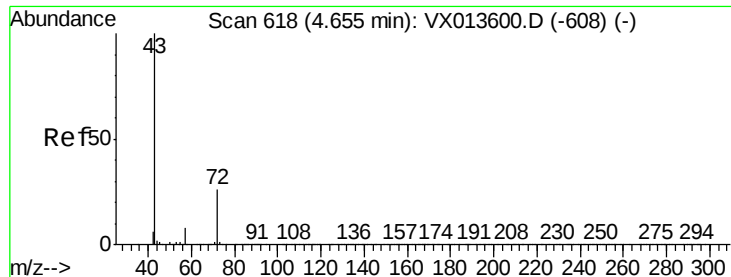
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 83.539 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

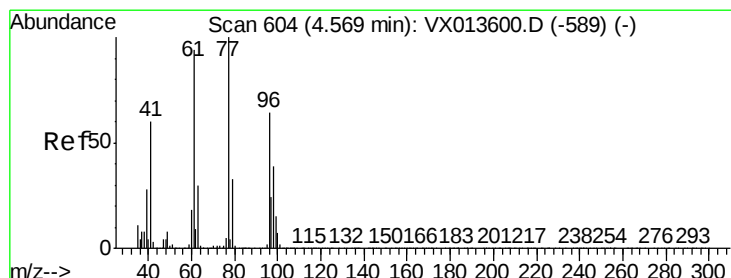
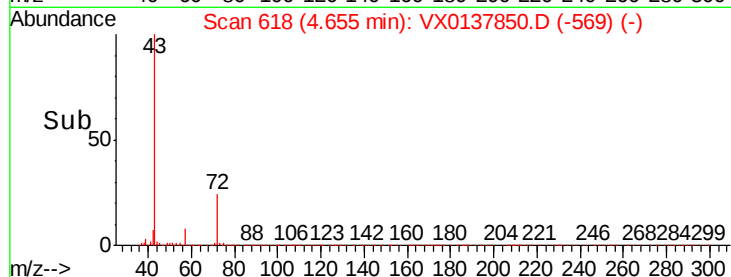
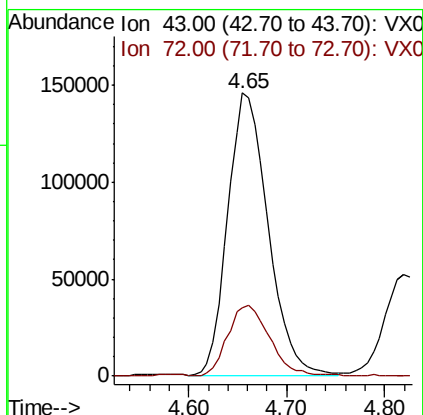
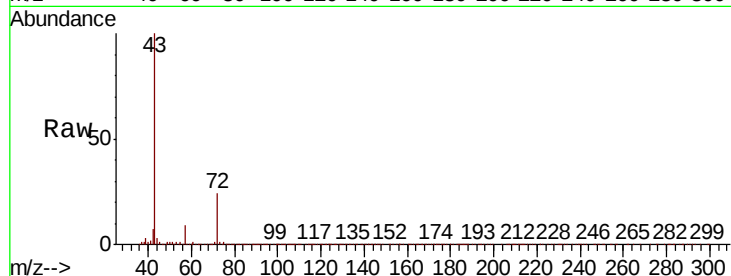
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 43 Resp: 414948

Ion Ratio Lower Upper

43 100

72 24.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 15.160 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX0137850.D

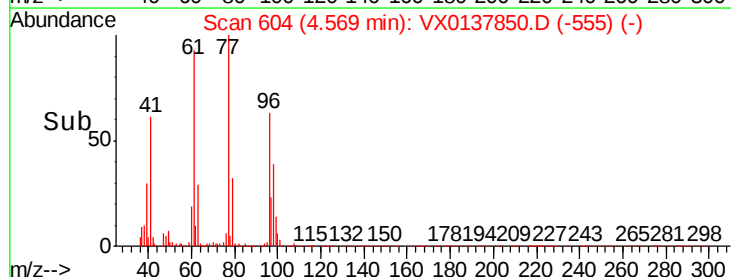
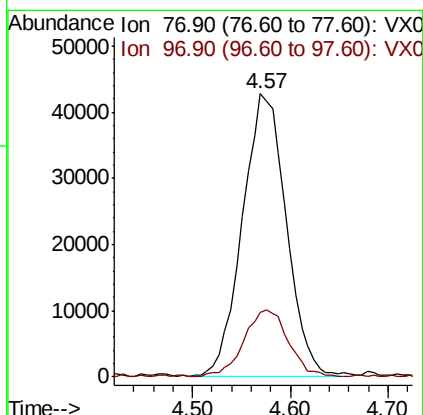
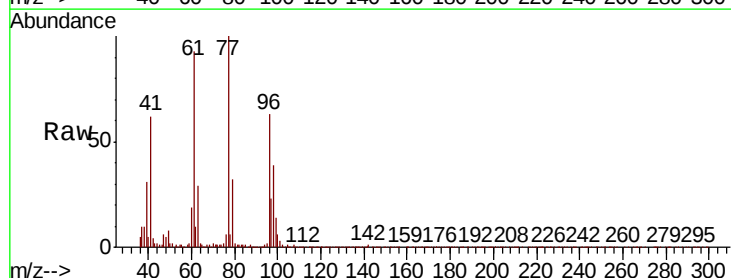
Acq: 09 Dec 2019 14:37

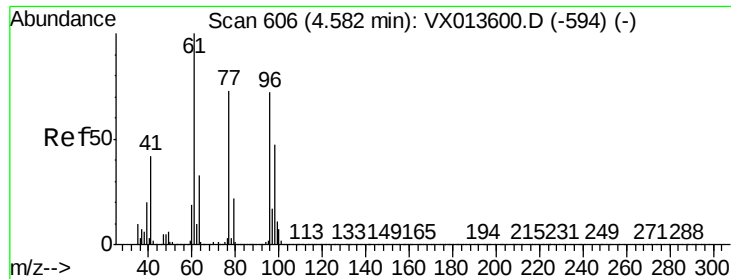
Tgt Ion: 77 Resp: 132982

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1



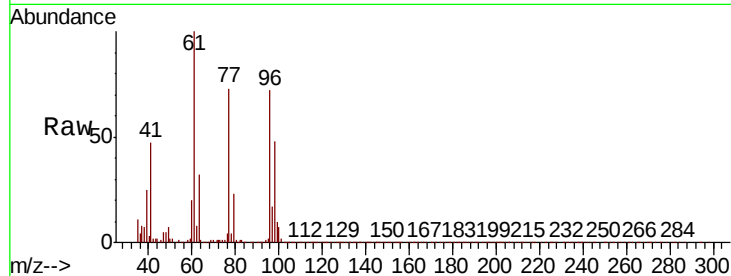


#27

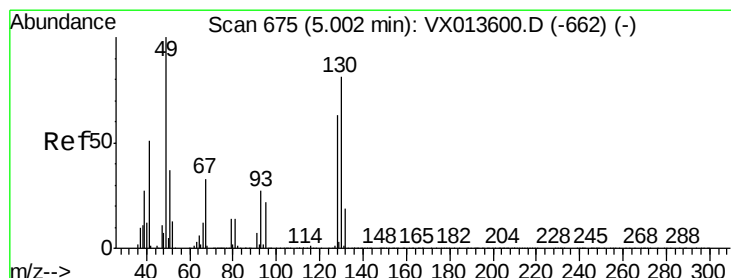
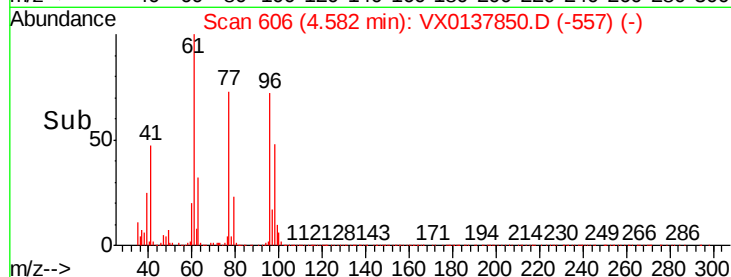
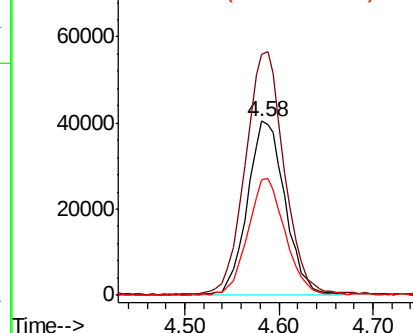
cis-1,2-Dichloroethene  
Concen: 16.205 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.3 | 0.0   | 286.4 |
| 98      | 66.7  | 0.0   | 127.4 |



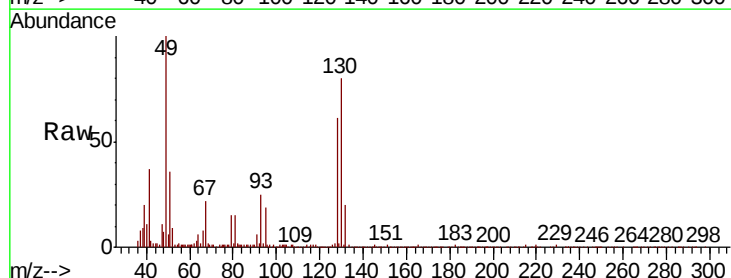
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



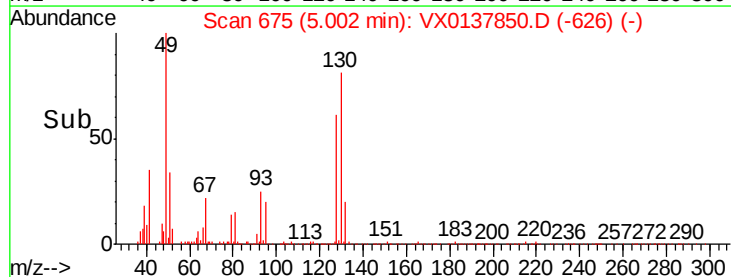
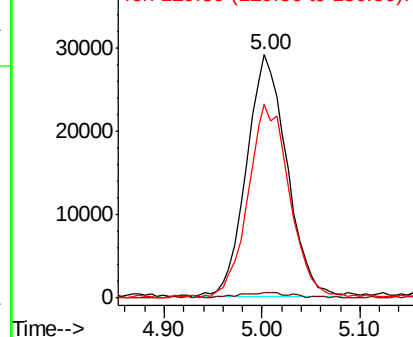
#28

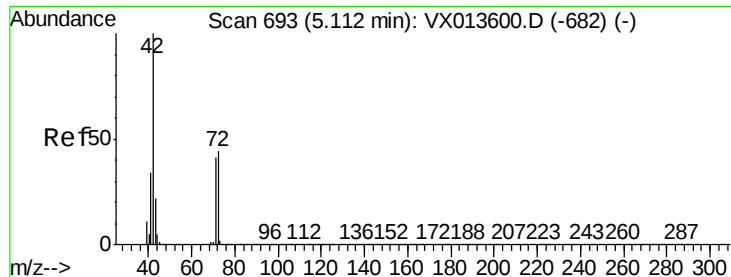
Bromochloromethane  
Concen: 19.869 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.4   | 0.0   | 5.0   |
| 130     | 81.7  | 65.4  | 98.0  |



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





#29

Tetrahydrofuran

Concen: 87.420 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

ClientSampleId :

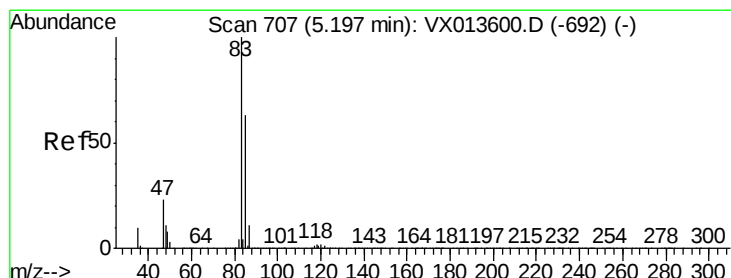
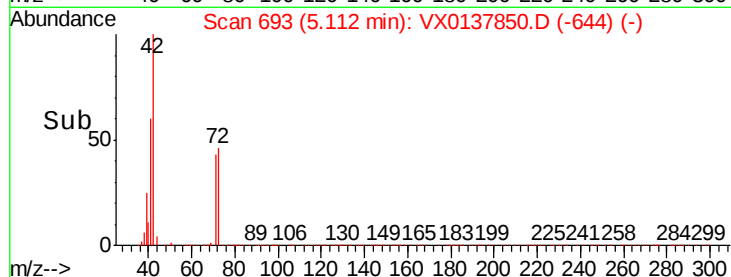
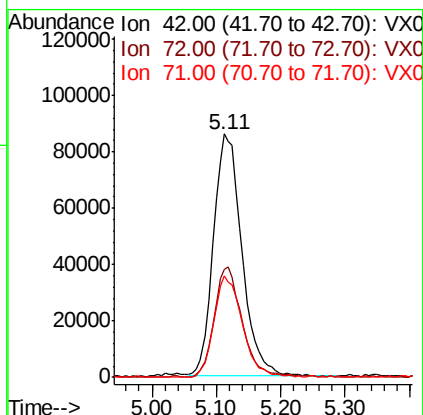
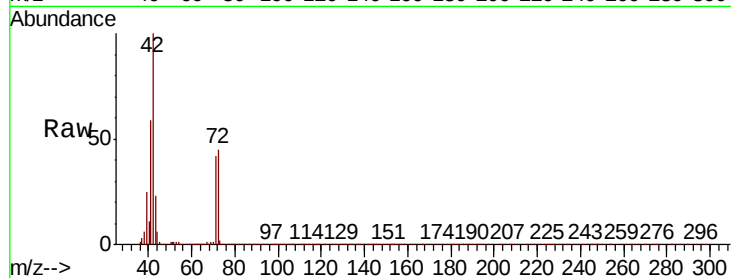
Tot Ion: 42 Resp: 267686

Ion Ratio Lower Upper

42 100

72 44.3 36.3 54.5

71 40.9 33.2 49.8



#30

Chloroform

Concen: 16.741 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX0137850.D

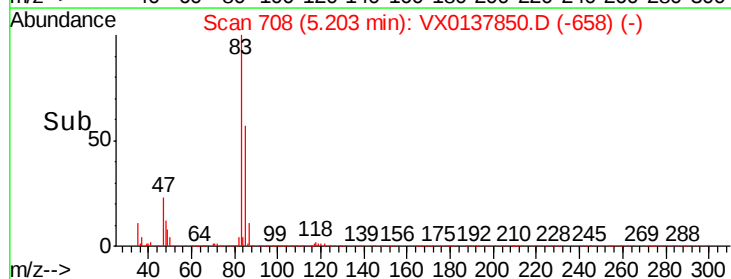
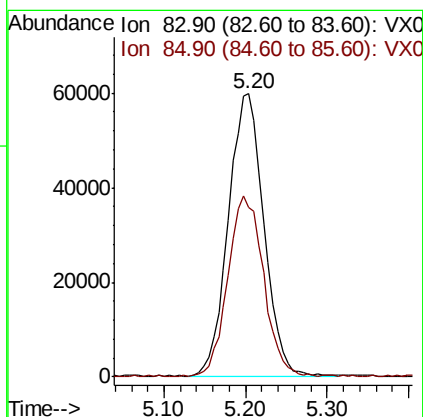
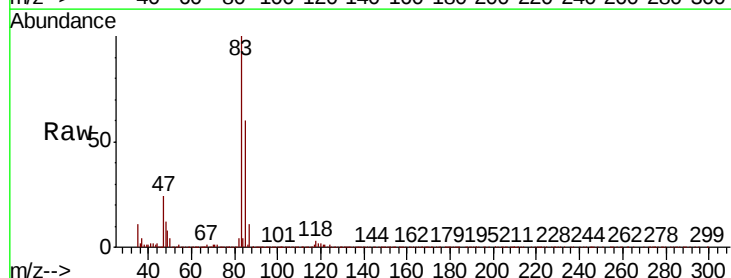
Acq: 09 Dec 2019 14:37

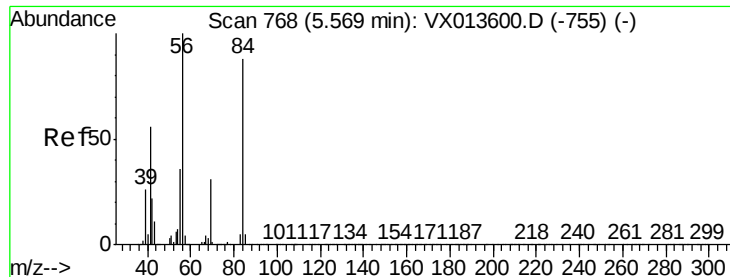
Tgt Ion: 83 Resp: 179998

Ion Ratio Lower Upper

83 100

85 60.3 50.2 75.4

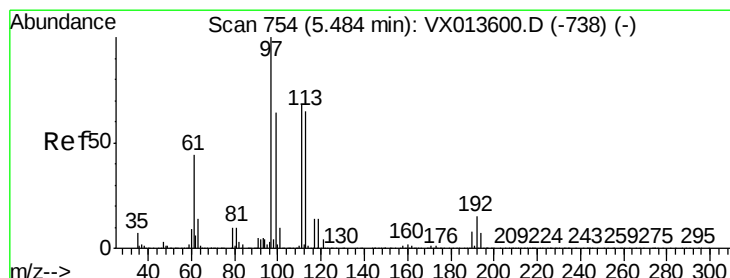
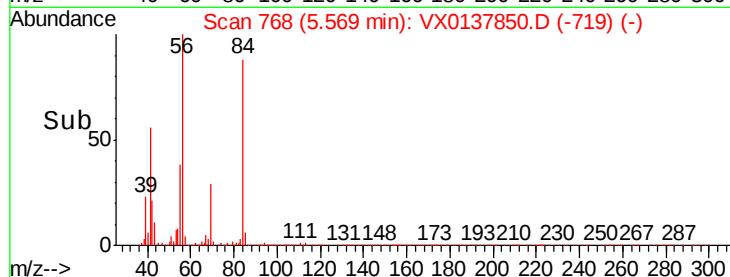
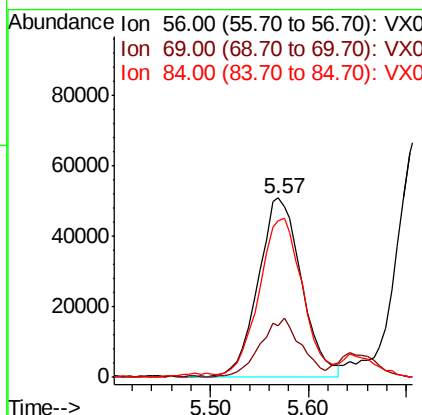
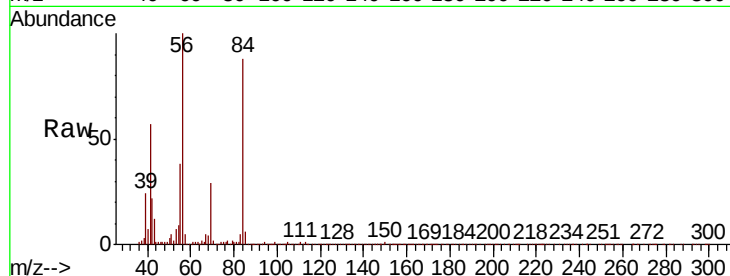




#31  
Cyclohexane  
Concen: 15.519 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

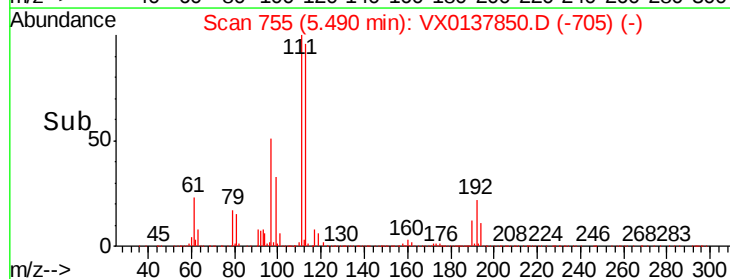
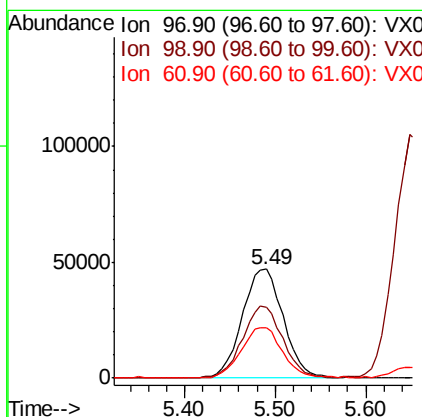
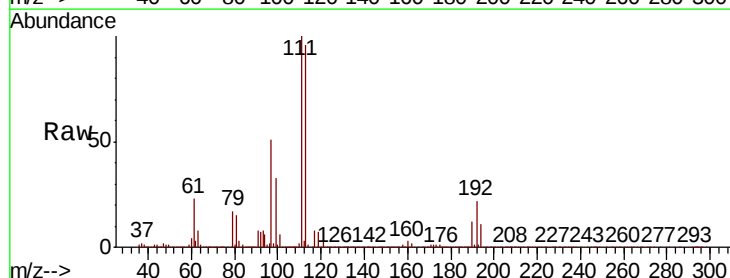
Instrument :  
MSVOA\_X  
ClientSampleId :

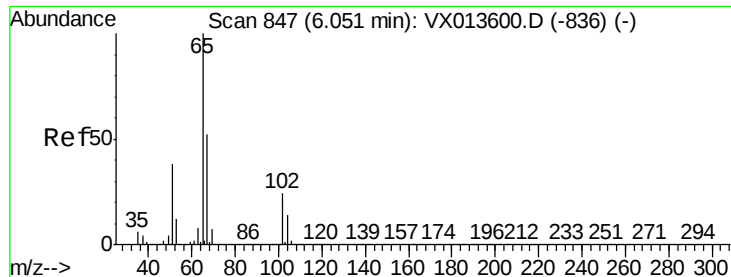
Tot Ion: 56 Resp: 155190  
Ion Ratio Lower Upper  
56 100  
69 28.5 24.6 36.8  
84 86.3 70.0 105.0



#32  
1,1,1-Trichloroethane  
Concen: 16.336 ug/l  
RT: 5.49 min Scan# 755  
Delta R.T. 0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion: 97 Resp: 146784  
Ion Ratio Lower Upper  
97 100  
99 64.4 51.6 77.4  
61 45.7 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.239 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

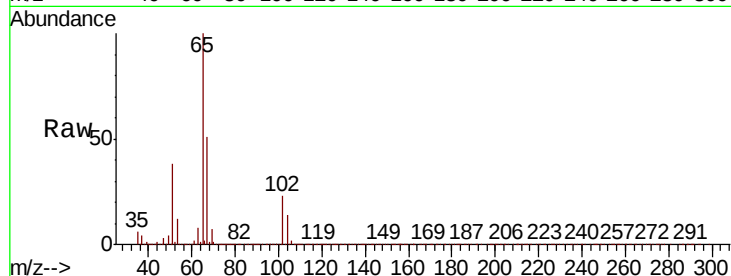
ClientSampleId :

Tot Ion: 65 Resp: 313014

Ion Ratio Lower Upper

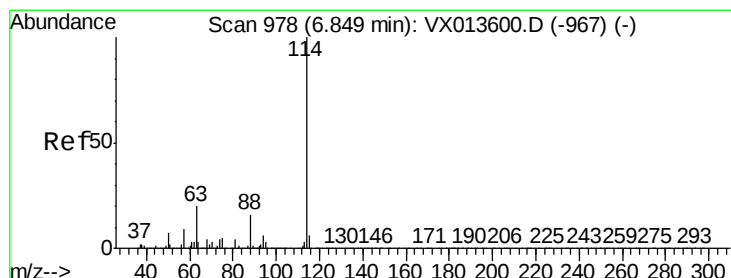
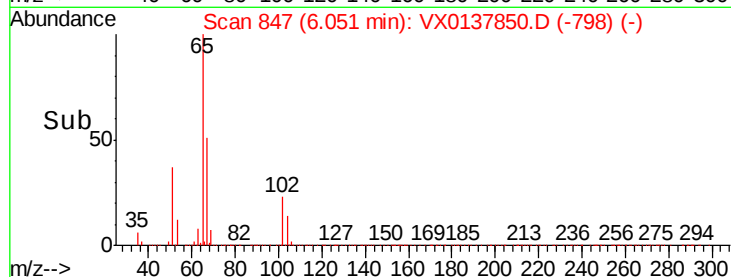
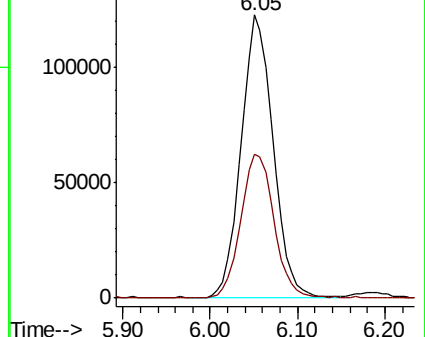
65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

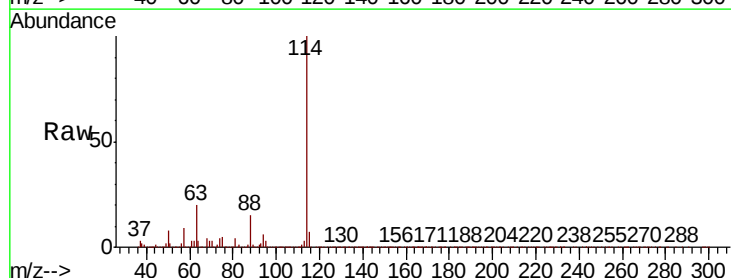
Tgt Ion: 114 Resp: 892064

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

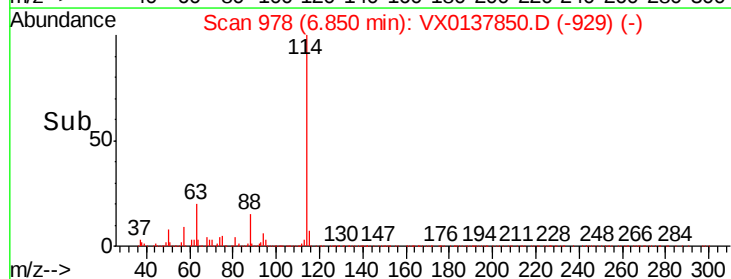
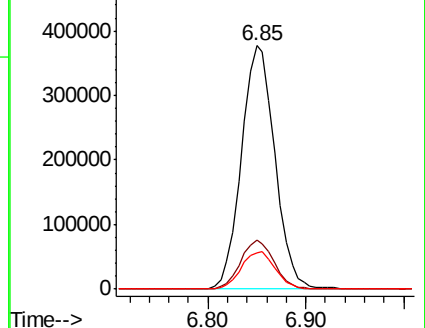
88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

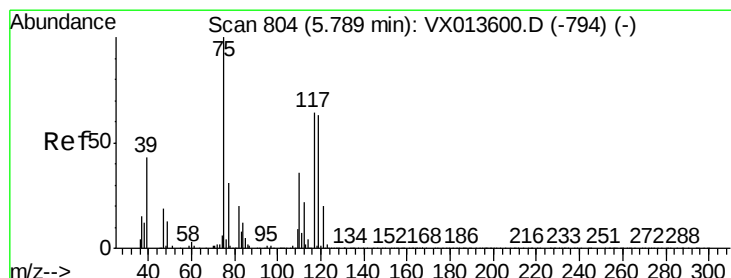
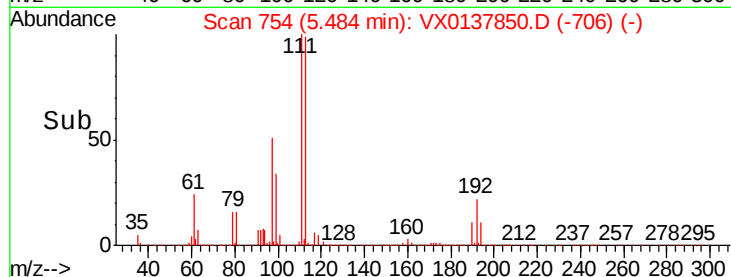
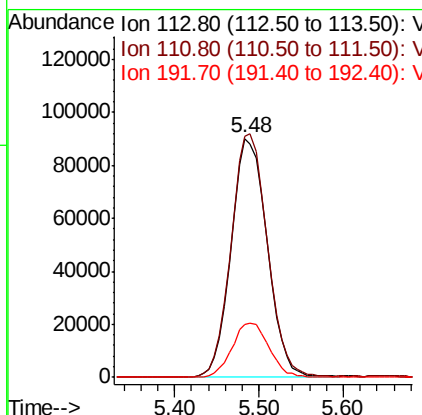
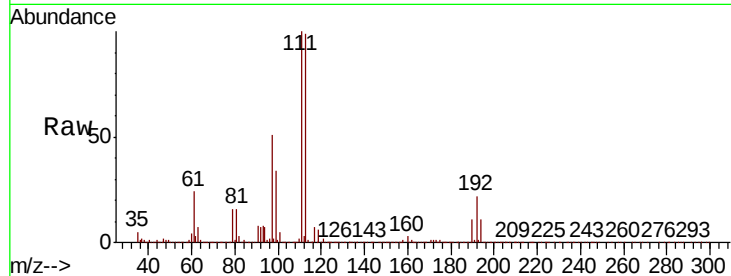




#35  
Dibromofluoromethane  
Concen: 47.384 ug/l  
RT: 5.48 min Scan# 754  
Delta R.T. -0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

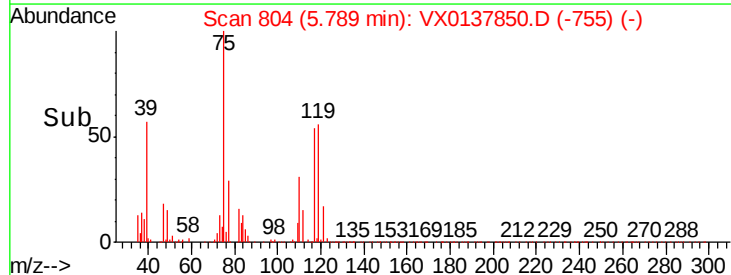
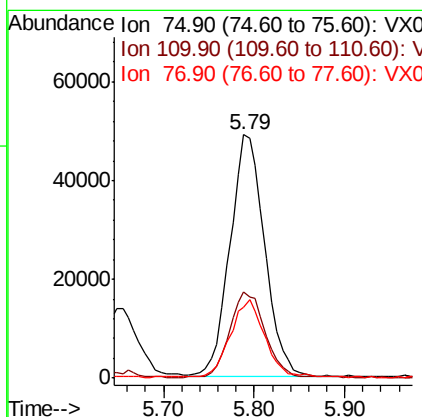
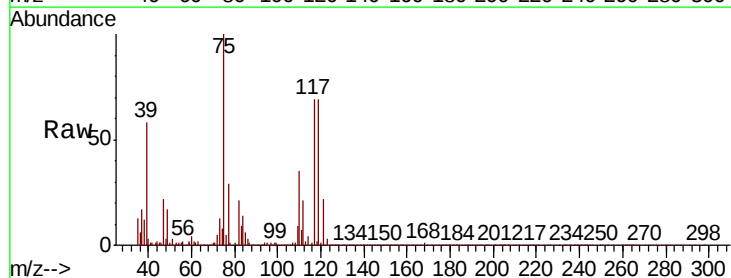
Instrument :  
MSVOA\_X  
ClientSampleId :

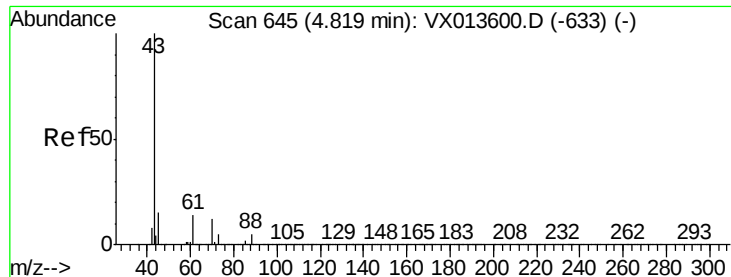
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.6 | 83.6  | 125.4 |
| 192     | 23.1  | 19.2  | 28.8  |



#36  
1,1-Dichloropropene  
Concen: 16.137 ug/l  
RT: 5.79 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.0  | 18.1  | 54.1  |
| 77      | 31.2  | 24.5  | 36.7  |

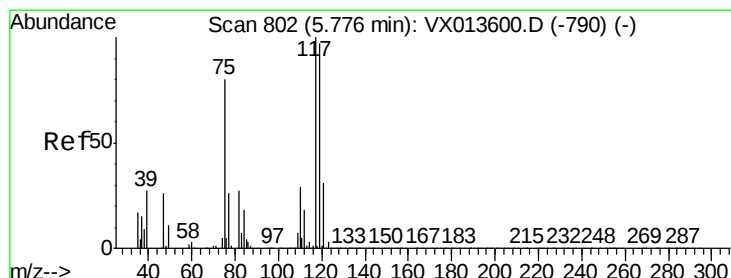
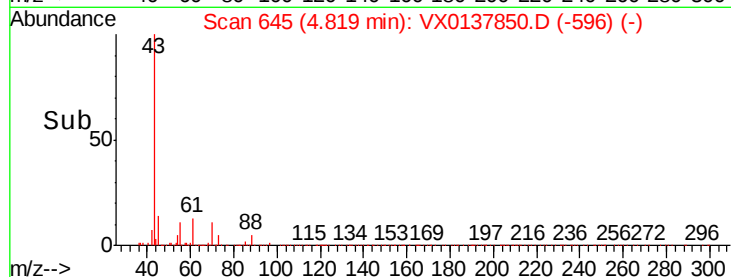
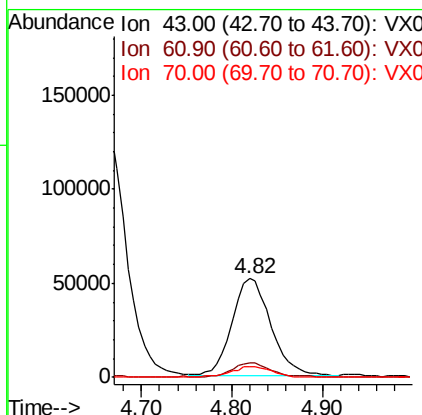
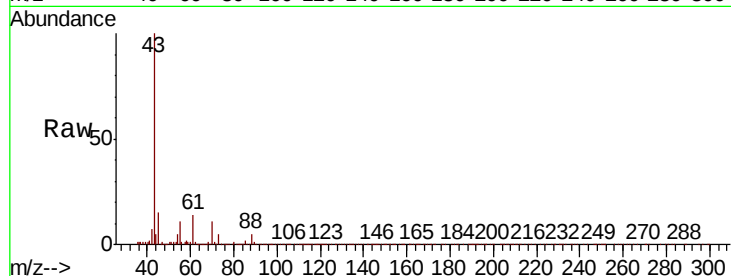




#37  
Ethyl Acetate  
Concen: 16.857 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

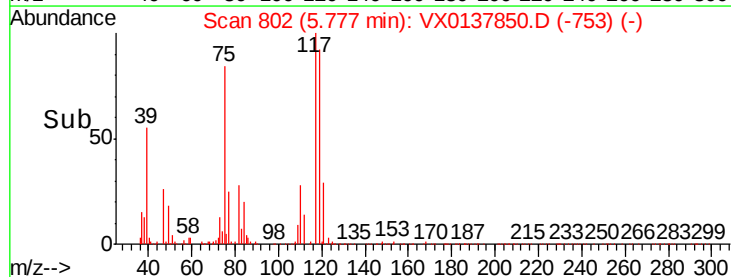
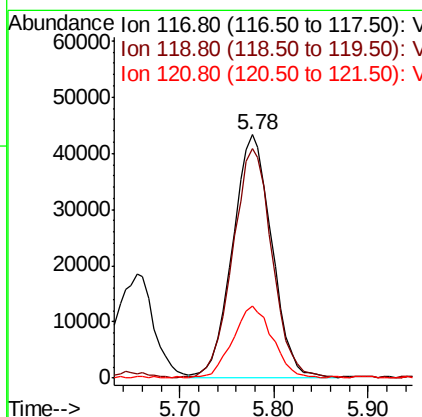
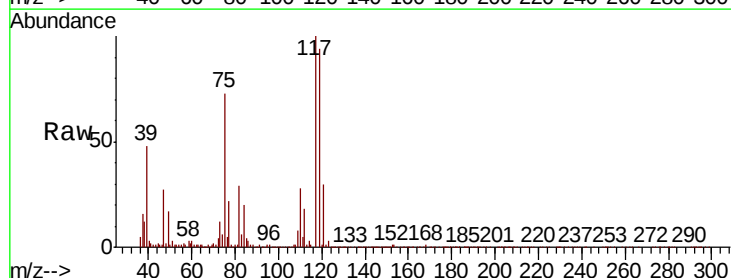
Instrument :  
MSVOA\_X  
ClientSampleId :

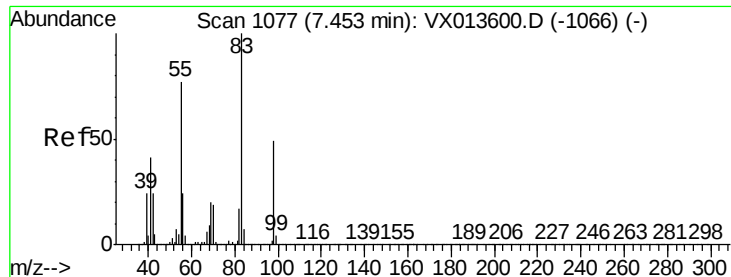
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.9  | 11.0  | 16.4  |
| 70      | 12.0  | 8.6   | 12.8  |



#38  
Carbon Tetrachloride  
Concen: 16.694 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.1  | 77.5  | 116.3 |
| 121     | 29.4  | 25.0  | 37.6  |

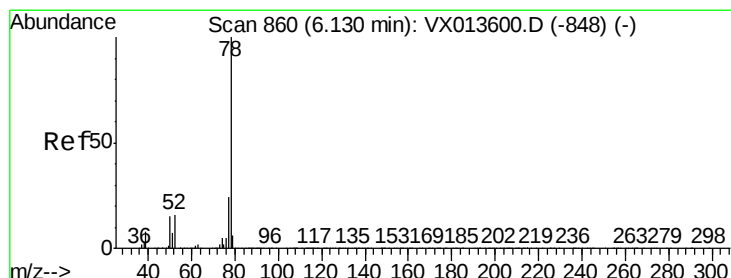
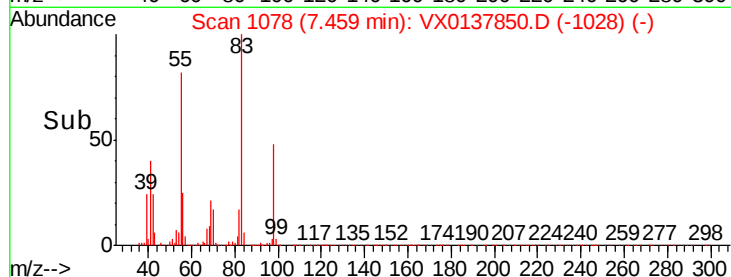
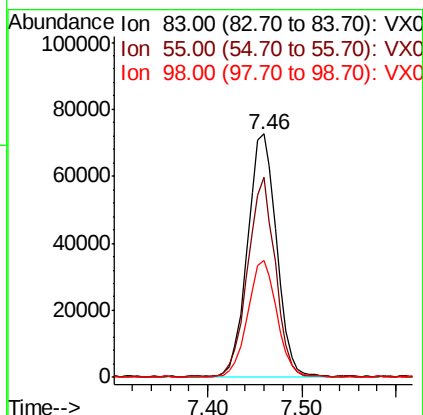
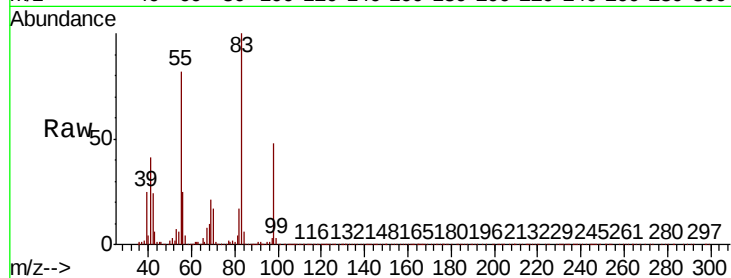




#39  
Methvlcvclohexane  
Concen: 15.572 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

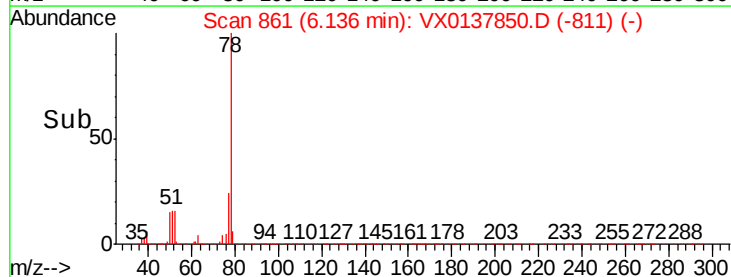
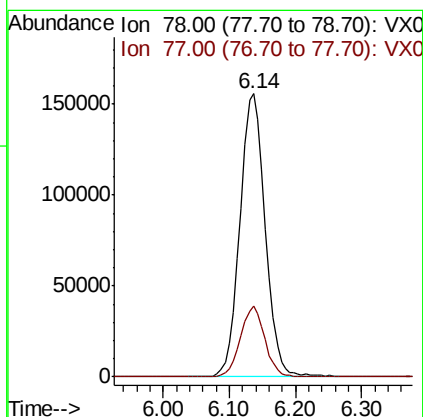
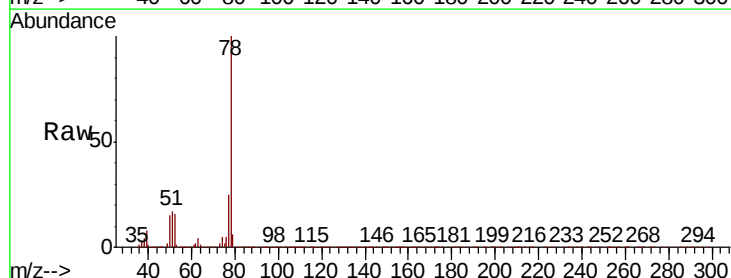
Instrument :  
MSVOA\_X  
ClientSampleId :

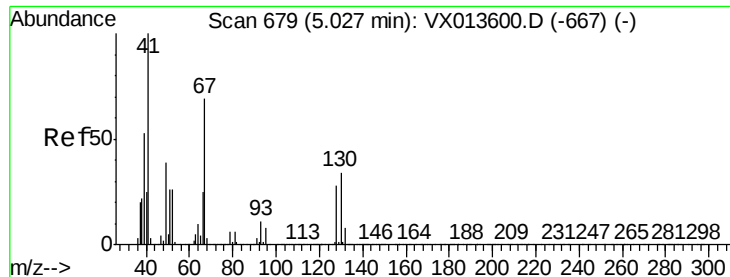
| Tot Ion   | 83.00 | Resp  | 155872 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 81.7  | 61.9  | 92.9   |
| 98        | 48.4  | 39.4  | 59.0   |



#40  
Benzene  
Concen: 16.697 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

| Tgt Ion   | 78.00 | Resp  | 411801 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 24.8  | 19.0  | 28.4   |

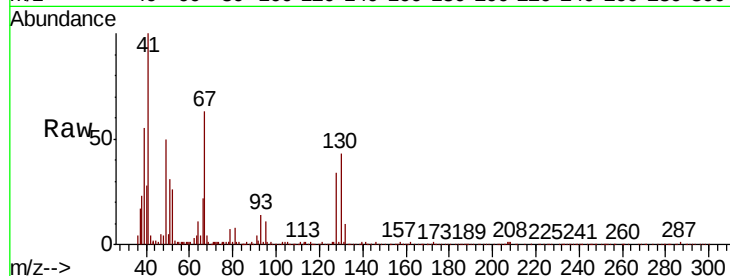




#41  
Methacrylonitrile  
Concen: 17.318 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 86278 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.9  | 42.9  | 64.3  |
| 67       | 72.9  | 57.4  | 86.0  |
| 52       | 28.9  | 22.4  | 33.6  |



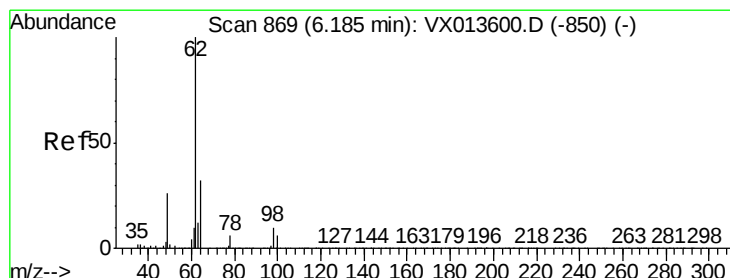
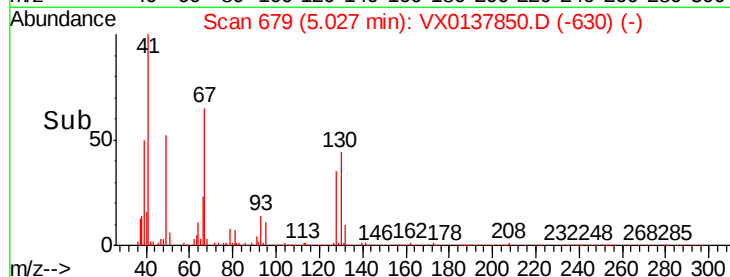
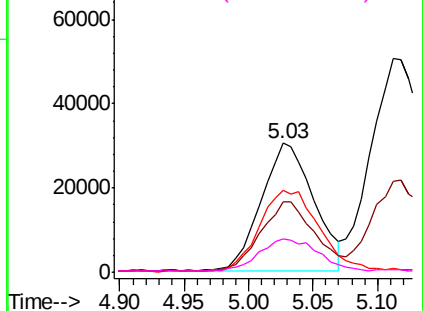
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

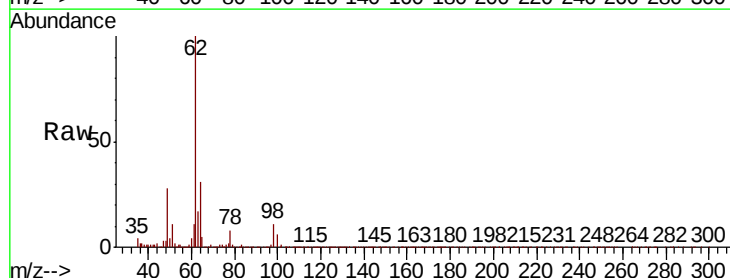
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42  
1,2-Dichloroethane  
Concen: 17.671 ug/l  
RT: 6.18 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

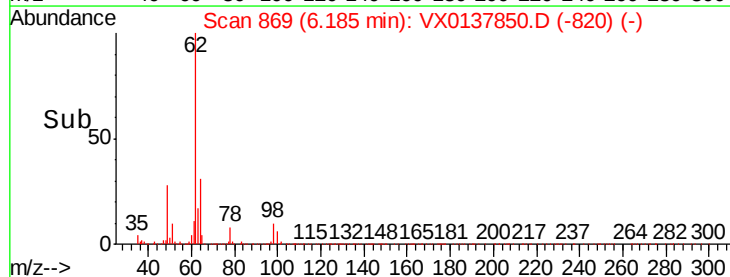
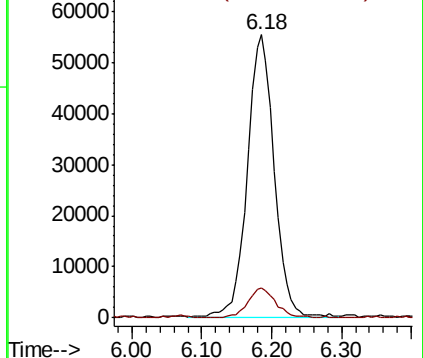
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 148633 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.6  | 0.0   | 20.8   |

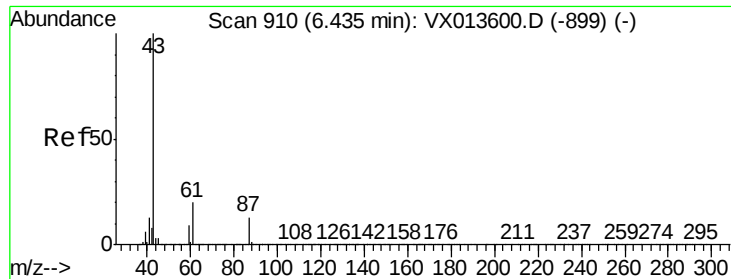


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



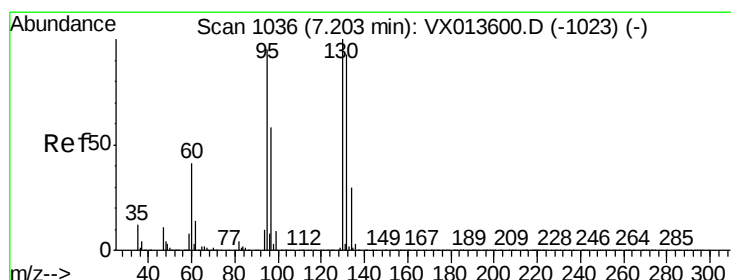
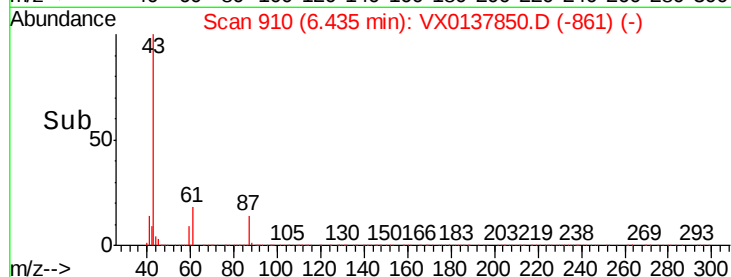
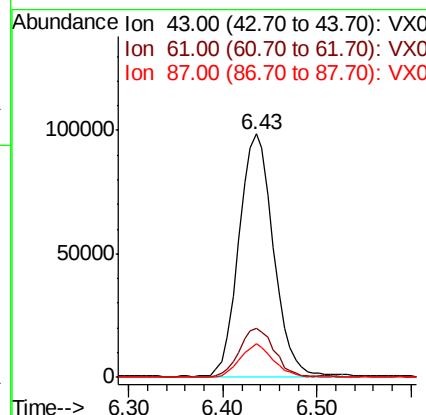
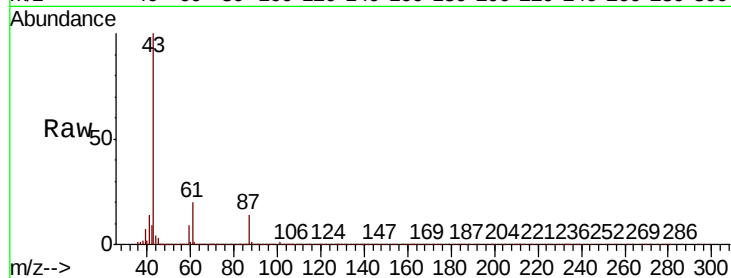


#43

Isopropyl Acetate  
 Concen: 16.727 ug/l  
 RT: 6.43 min Scan# 910  
 Delta R.T. 0.00 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

Instrument :  
 MSVOA\_X  
 ClientSampled :

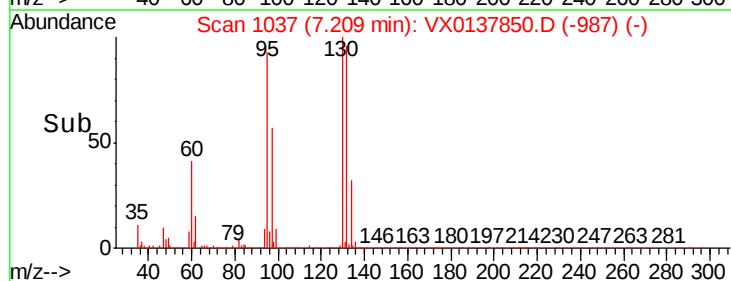
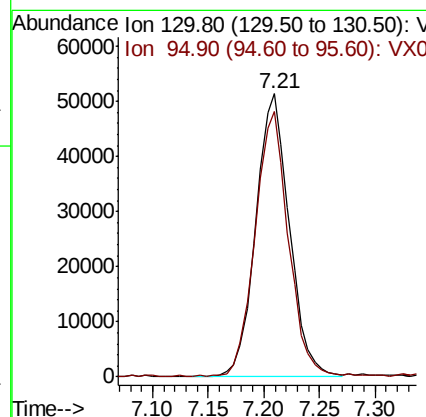
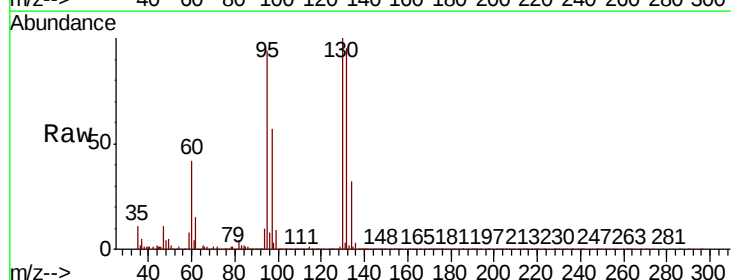
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.1  | 16.3  | 24.5  |
| 87      | 13.2  | 10.8  | 16.2  |



#44

Trichloroethene  
 Concen: 15.991 ug/l  
 RT: 7.21 min Scan# 1037  
 Delta R.T. 0.01 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 93.6  | 0.0   | 190.8 |





#45

1,2-Dichloropropane

Concen: 17.350 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

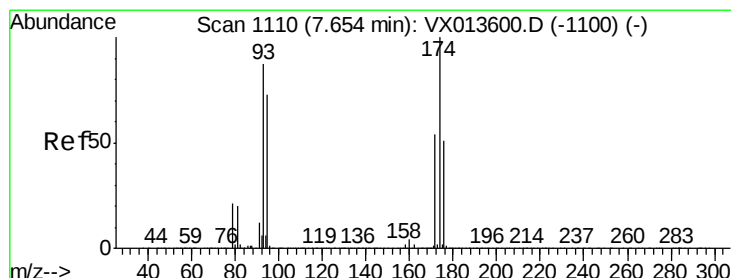
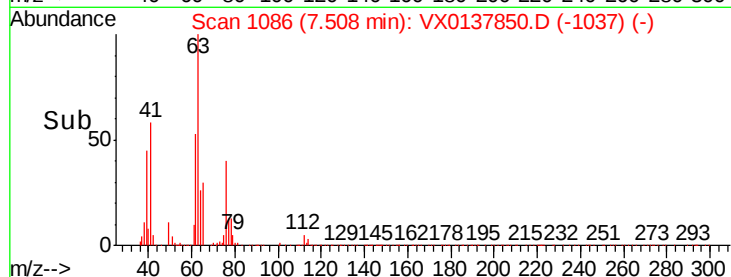
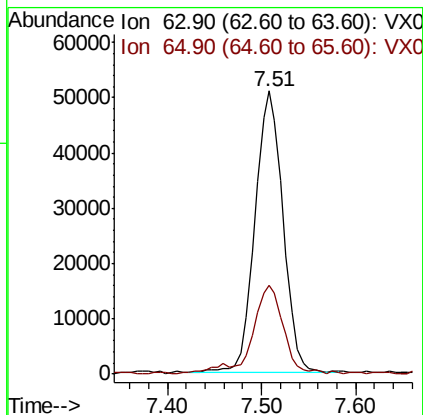
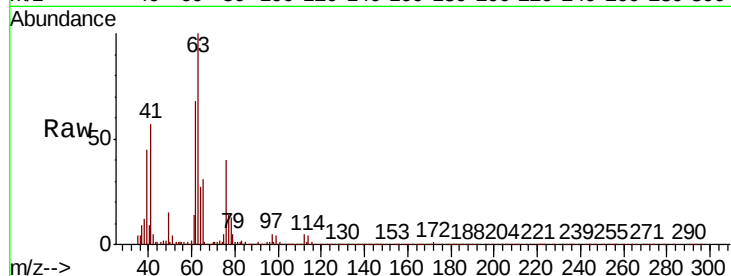
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 63 Resp: 107062

Ion Ratio Lower Upper

63 100

65 30.9 25.5 38.3



#46

Dibromomethane

Concen: 17.018 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

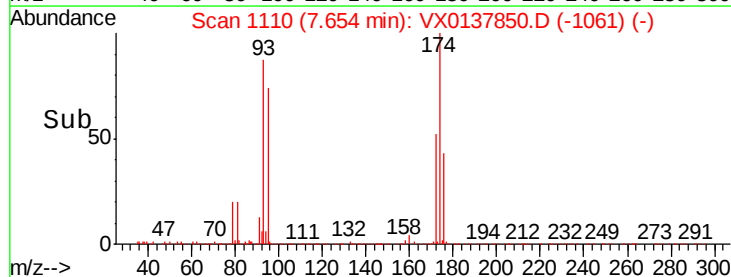
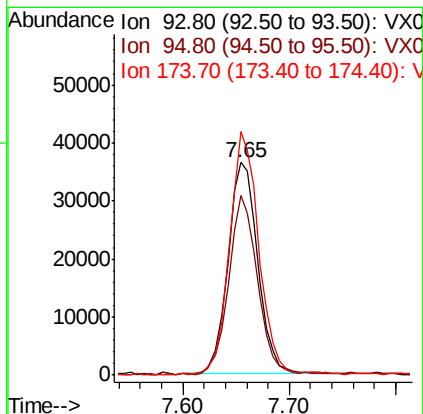
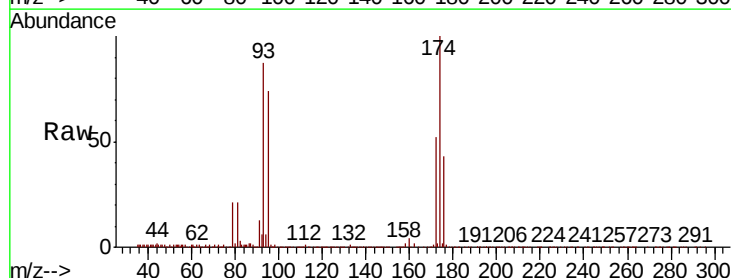
Tgt Ion: 93 Resp: 71320

Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.2

174 112.7 93.4 140.0





#47

Bromodichloromethane

Concen: 16.834 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

ClientSampleId :

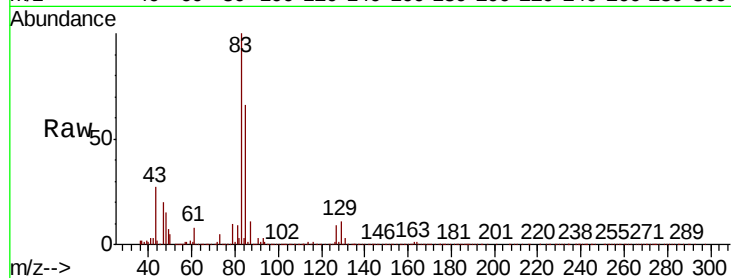
Tot Ion: 83 Resp: 133371

Ion Ratio Lower Upper

83 100

85 65.6 52.1 78.1

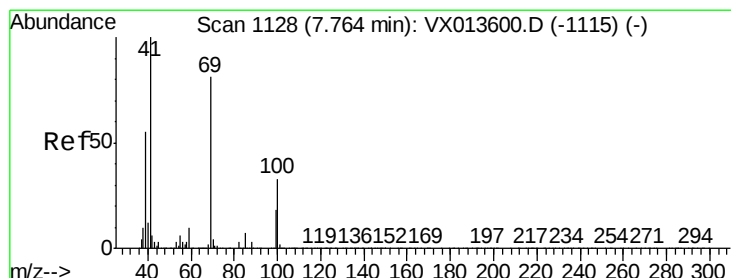
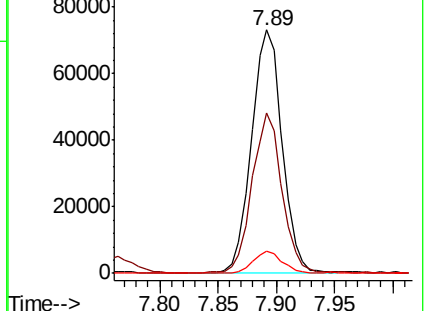
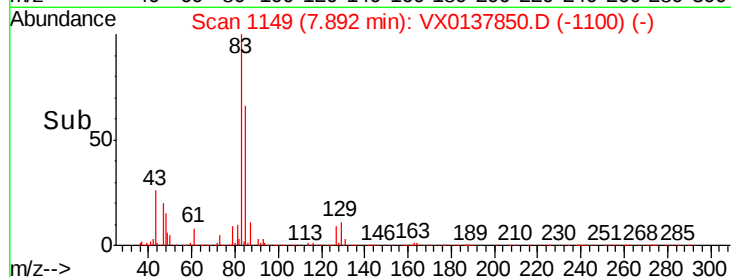
127 8.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.906 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

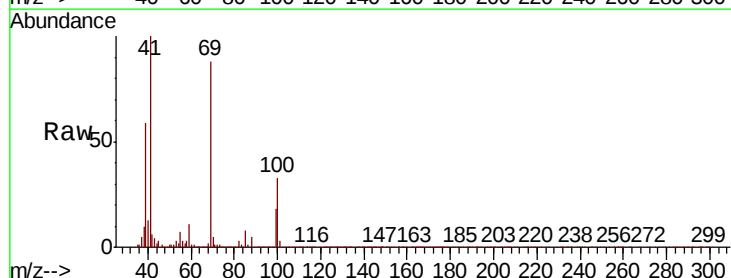
Tgt Ion: 41 Resp: 122848

Ion Ratio Lower Upper

41 100

69 82.8 64.7 97.1

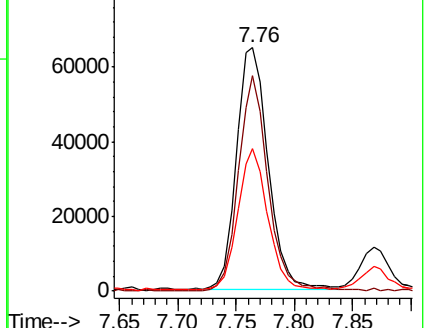
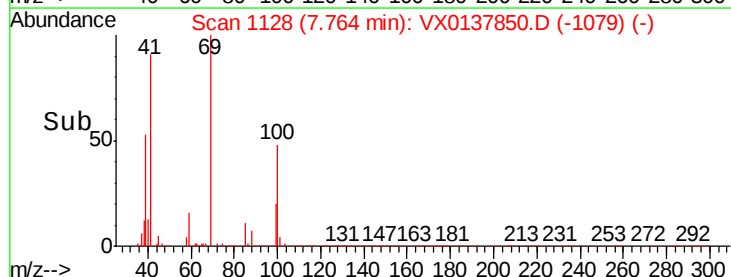
39 55.6 43.8 65.6

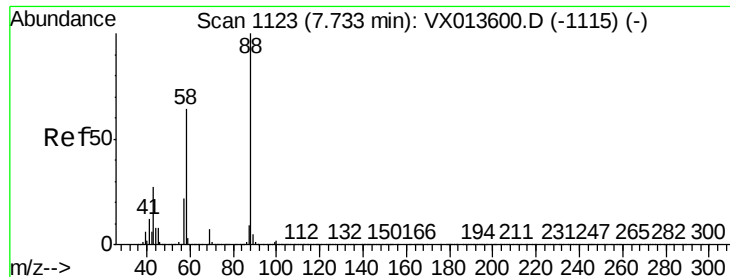


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 318.095 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

ClientSampleId :

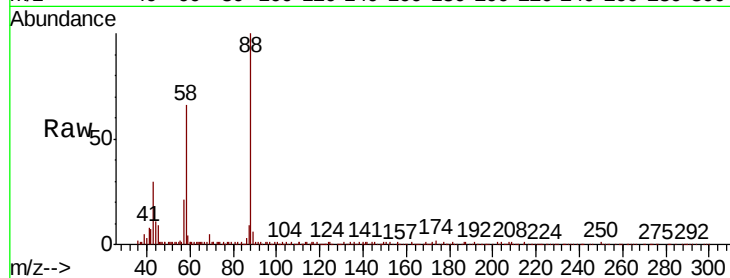
Tot Ion: 88 Resp: 51740

Ion Ratio Lower Upper

88 100

43 36.8 25.8 38.6

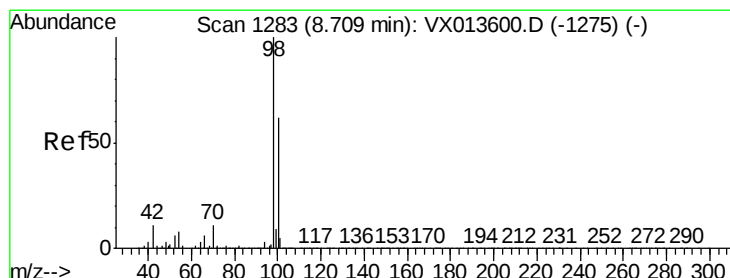
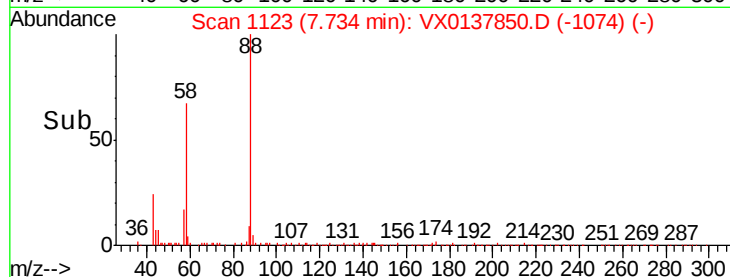
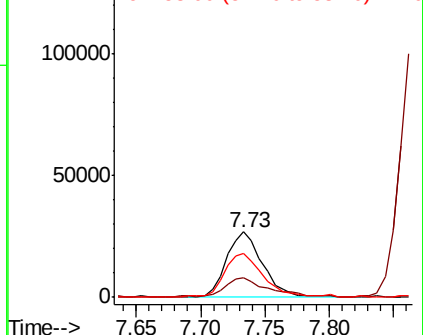
58 72.9 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.316 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX0137850.D

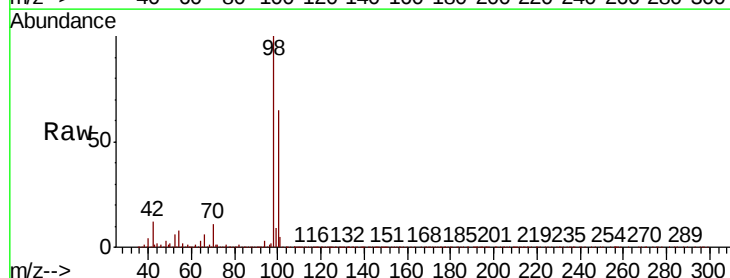
Acq: 09 Dec 2019 14:37

Tgt Ion: 98 Resp: 973687

Ion Ratio Lower Upper

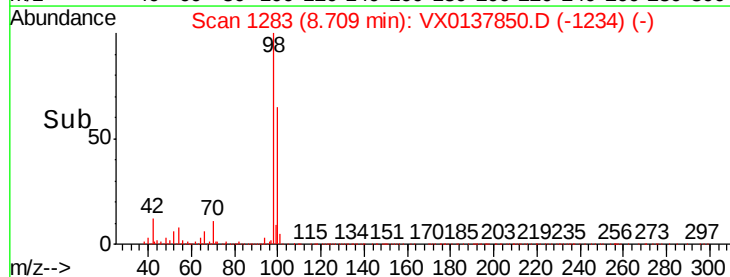
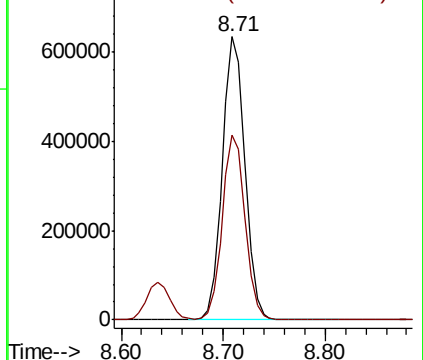
98 100

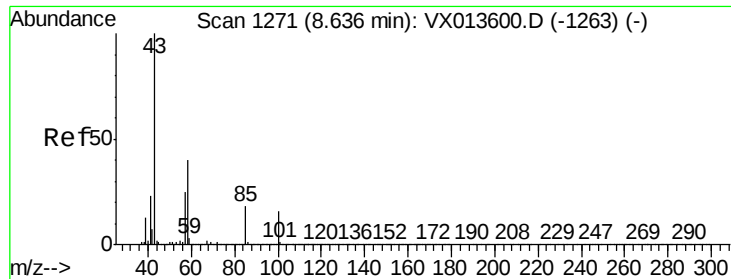
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 86.650 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

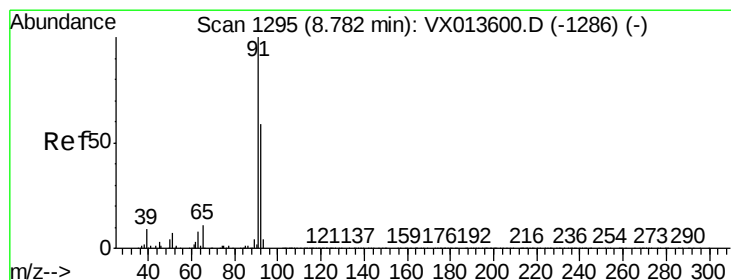
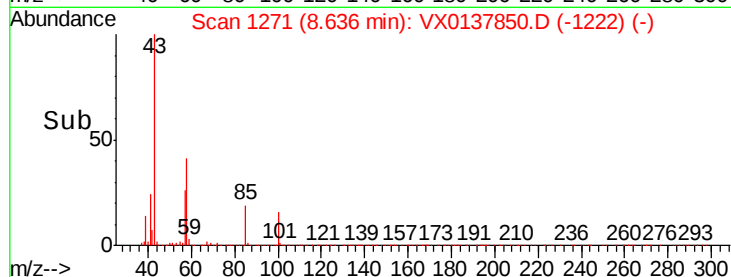
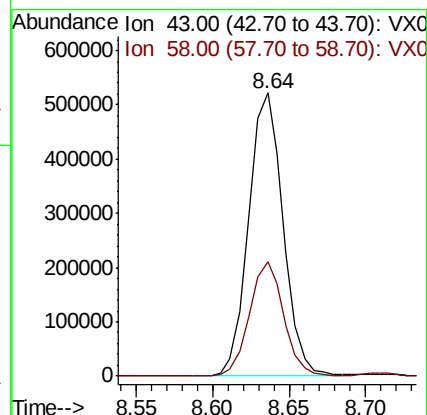
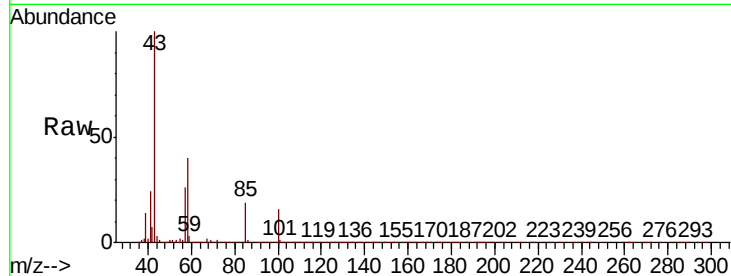
ClientSampleId :

Tot Ion: 43 Resp: 815166

Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1



#52

Toluene

Concen: 16.805 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX0137850.D

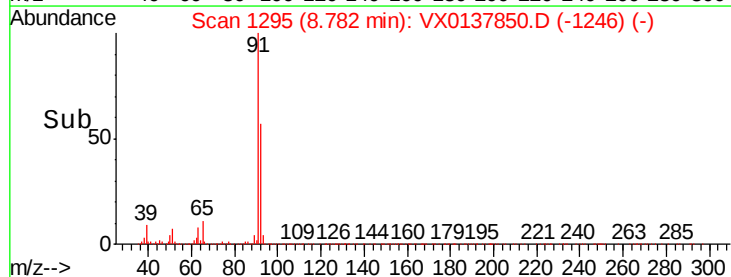
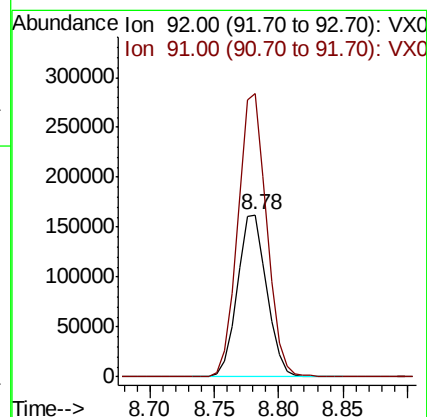
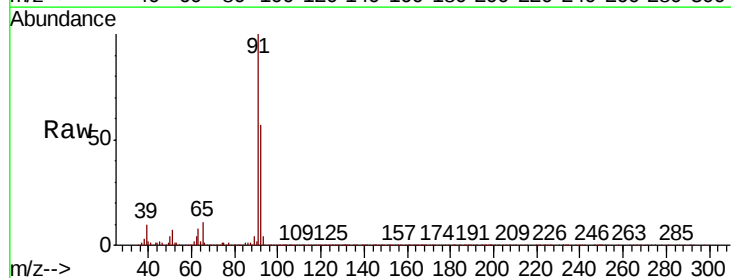
Acq: 09 Dec 2019 14:37

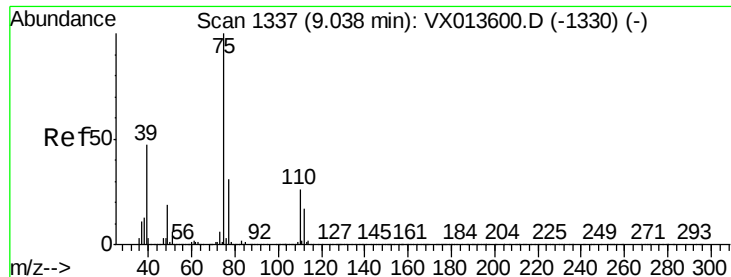
Tgt Ion: 92 Resp: 257474

Ion Ratio Lower Upper

92 100

91 171.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 15.601 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

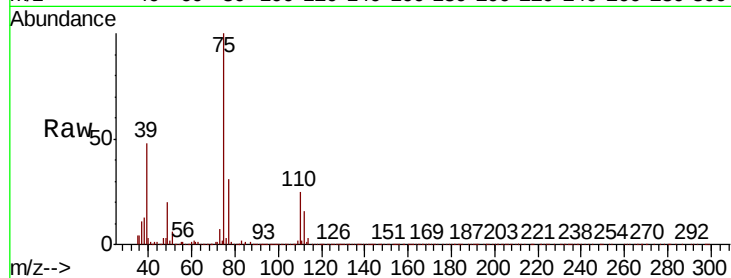
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 75 Resp: 140691

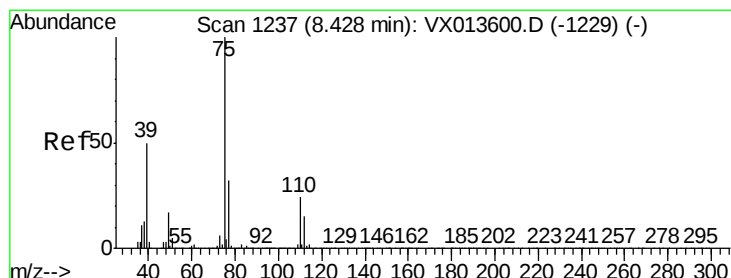
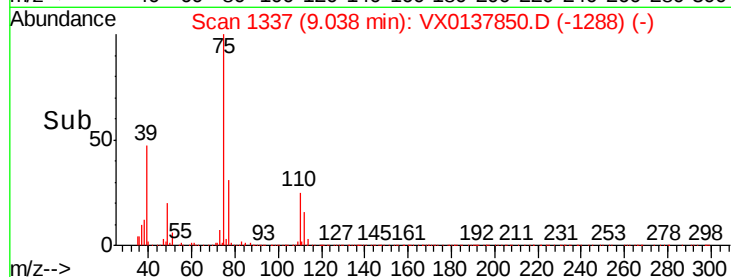
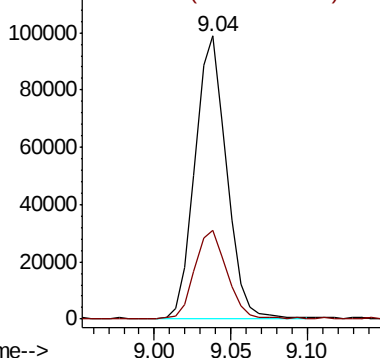
Ion Ratio Lower Upper

75 100

77 31.3 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.184 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

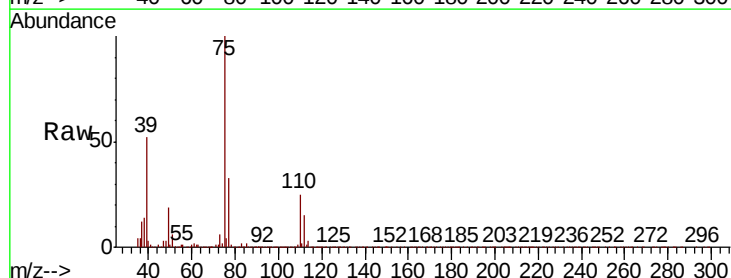
Tgt Ion: 75 Resp: 159453

Ion Ratio Lower Upper

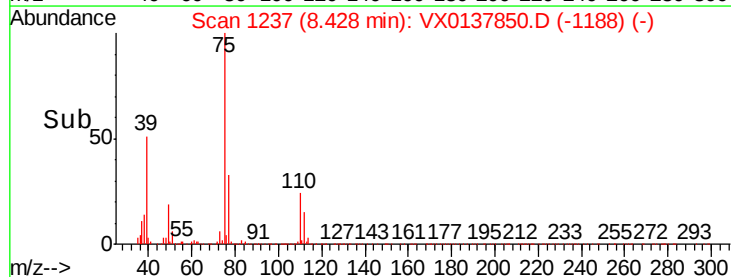
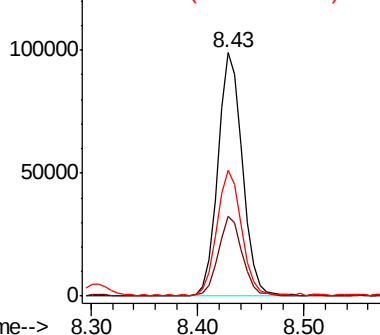
75 100

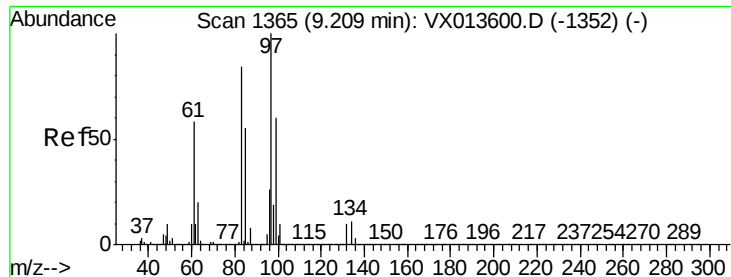
77 33.0 25.8 38.6

39 51.6 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 76.90 (76.60 to 77.60): VX0  
Ion 39.00 (38.70 to 39.70): VX0

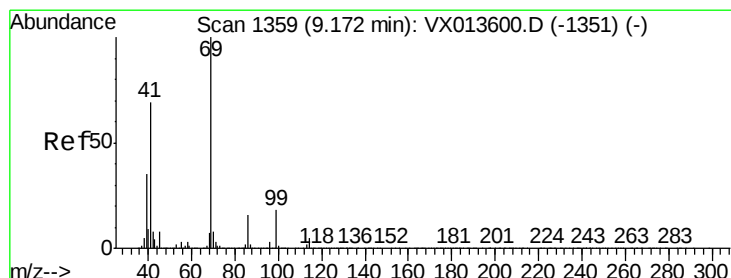
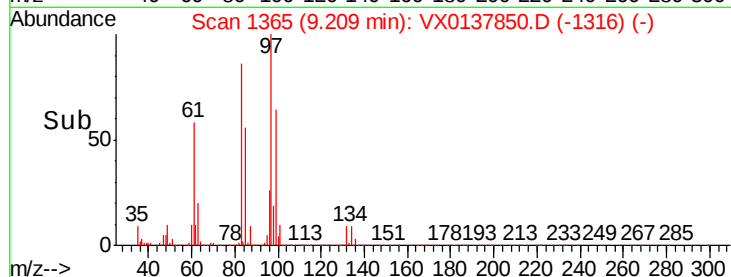
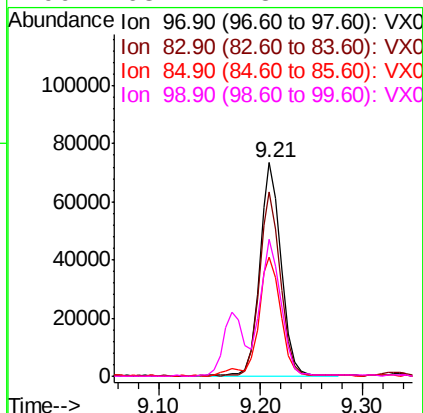
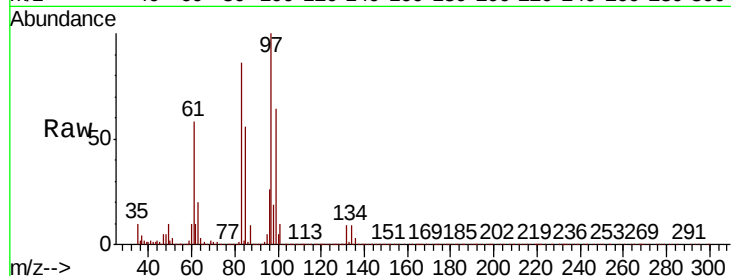




#55  
 1,1,2-Trichloroethane  
 Concen: 17.573 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

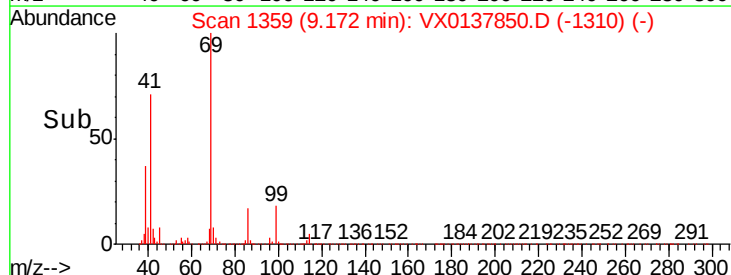
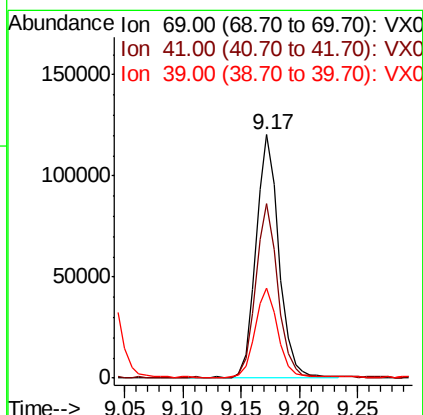
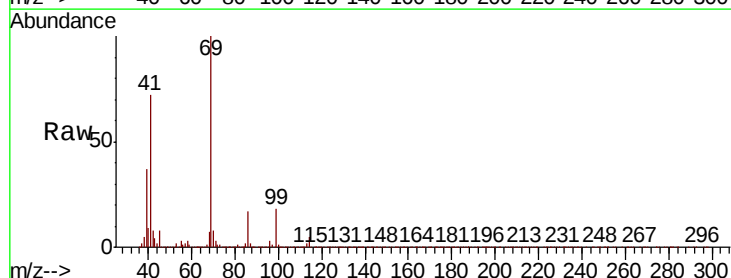
Instrument :  
 MSVOA\_X  
 ClientSampled :

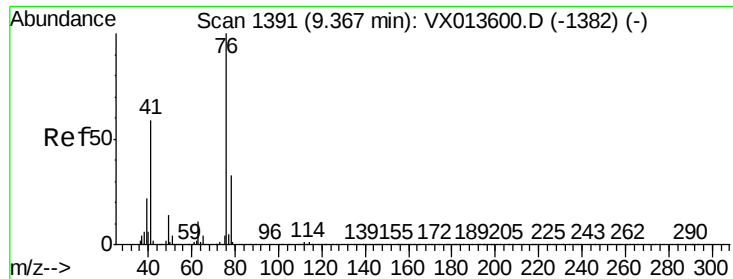
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 108502 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.0  | 67.3  | 100.9  |
| 85       | 55.7  | 43.6  | 65.4   |
| 99       | 63.7  | 48.2  | 72.4   |



#56  
 Ethyl methacrylate  
 Concen: 16.495 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 163741 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 70.0  | 55.0  | 82.4   |
| 39       | 36.7  | 28.7  | 43.1   |





#57

1,3-Dichloropropane

Concen: 16.925 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

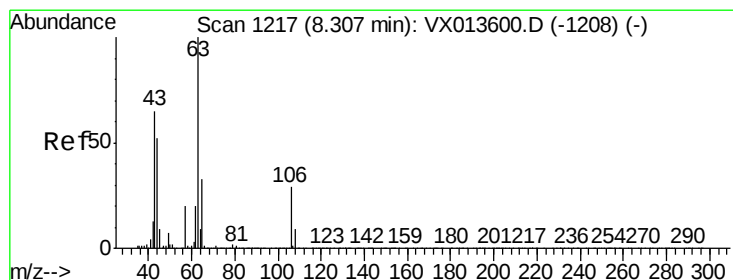
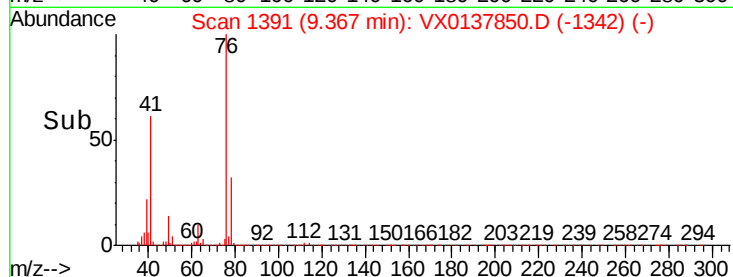
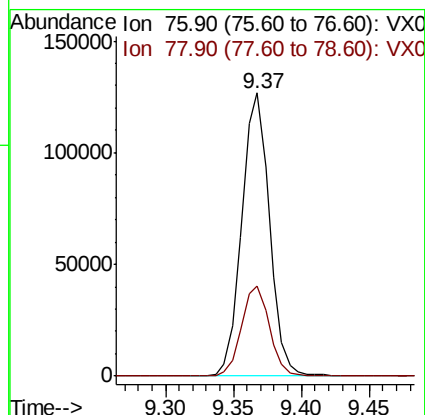
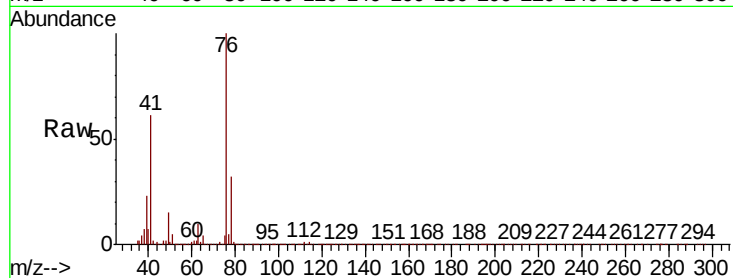
ClientSampleId :

Tot Ion: 76 Resp: 180120

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.325 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX0137850.D

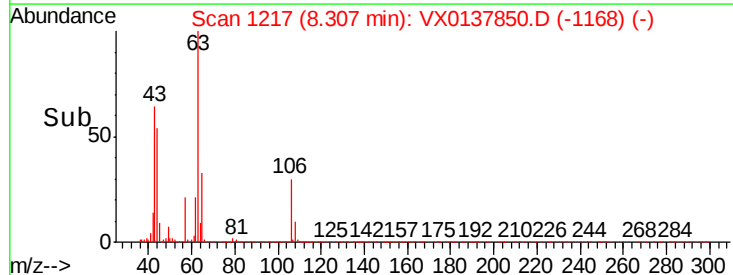
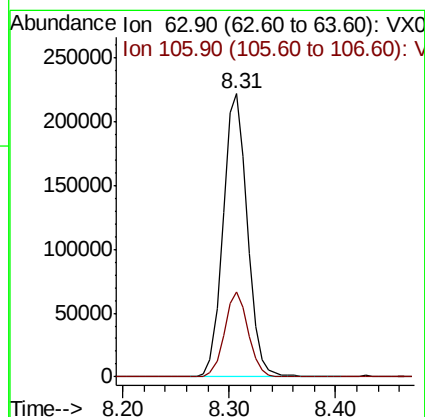
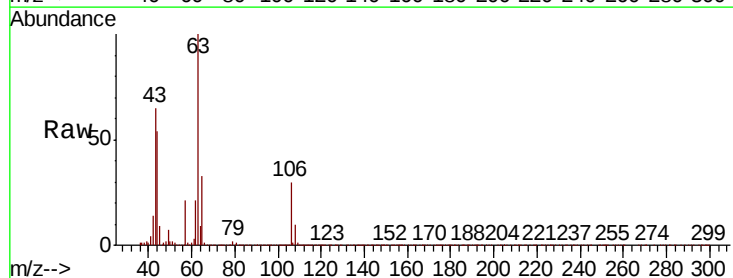
Acq: 09 Dec 2019 14:37

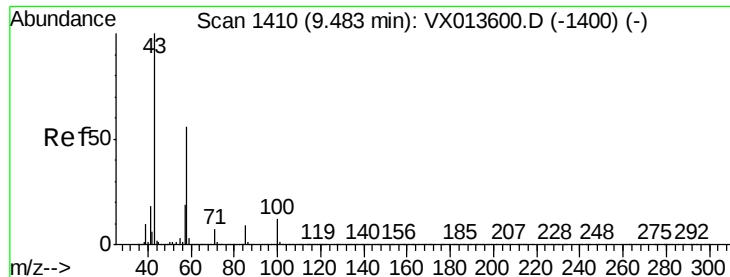
Tgt Ion: 63 Resp: 351546

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0

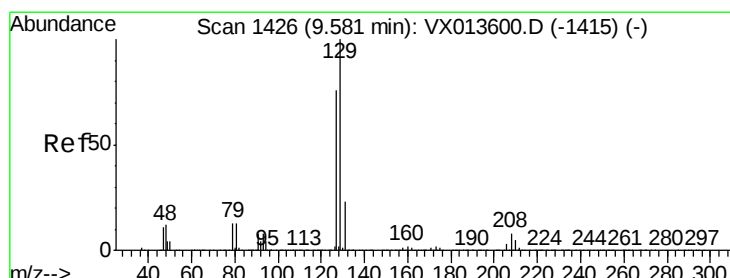
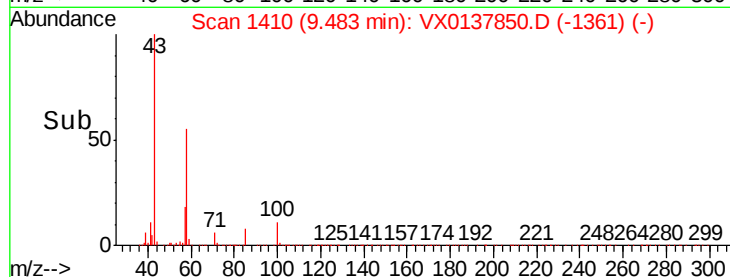
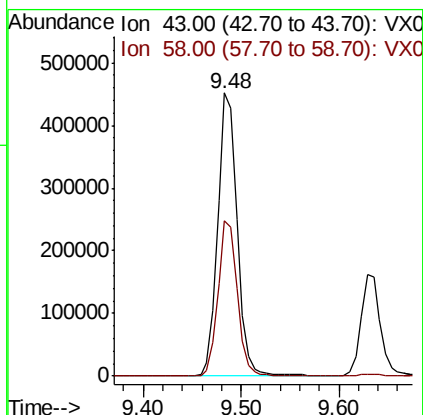
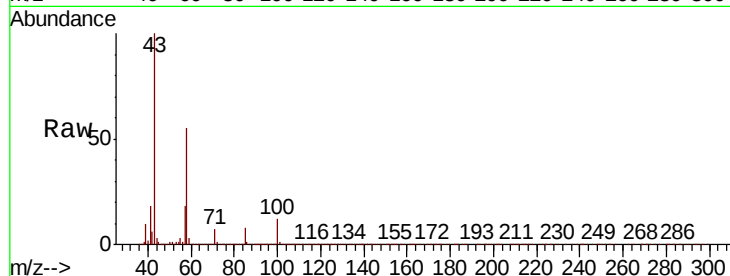




#59  
2-Hexanone  
Concen: 84.988 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

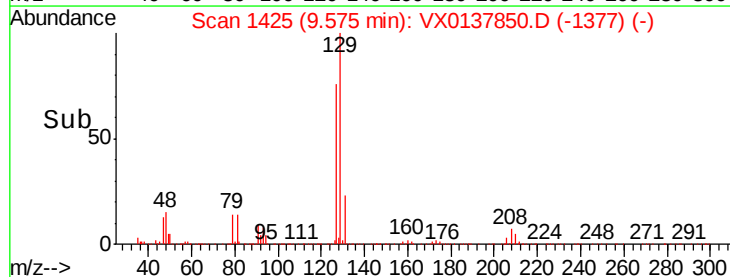
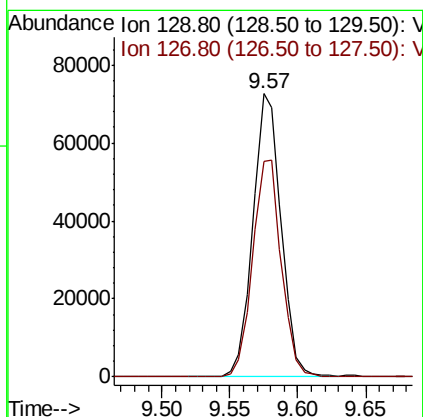
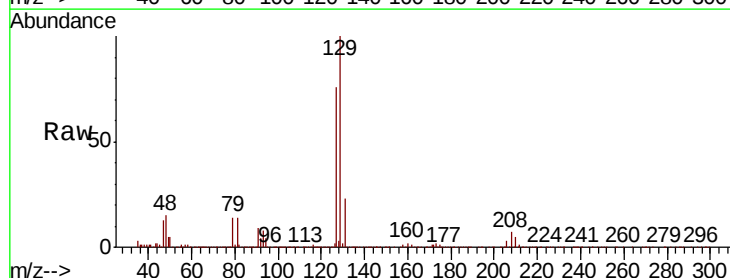
Instrument :  
MSVOA\_X  
ClientSampleId :

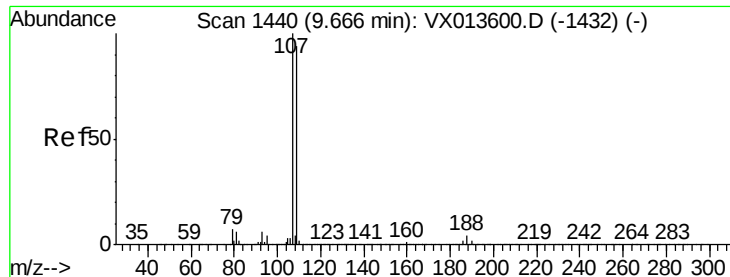
Tot Ion: 43 Resp: 623570  
Ion Ratio Lower Upper  
43 100  
58 54.9 28.1 84.4



#60  
Dibromochloromethane  
Concen: 16.442 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion: 129 Resp: 105354  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.120 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

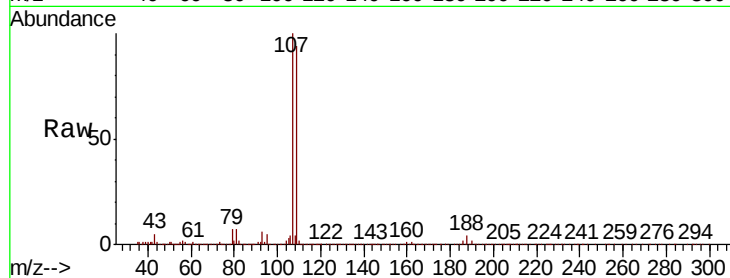
ClientSampleId :

Tot Ion:107 Resp: 112896

Ion Ratio Lower Upper

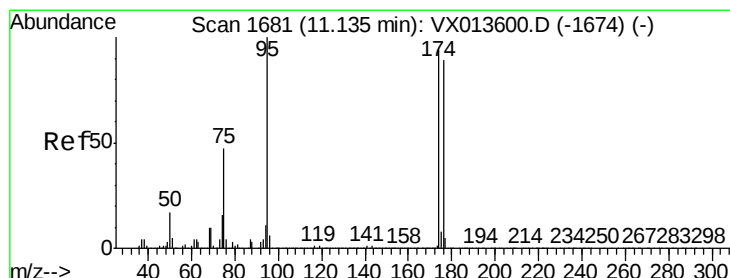
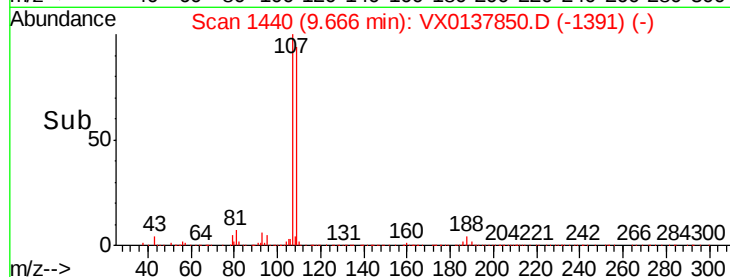
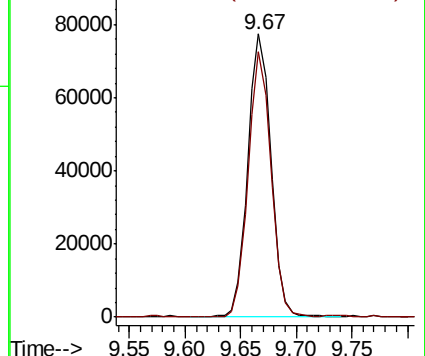
107 100

109 92.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.562 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

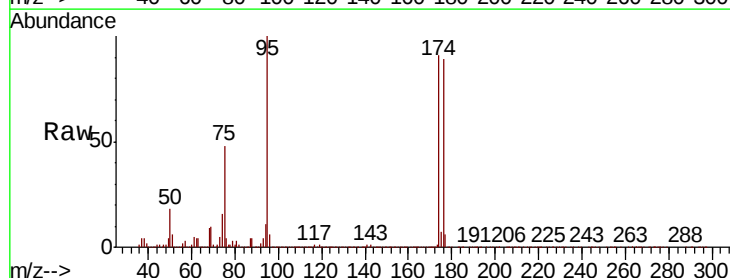
Tgt Ion: 95 Resp: 345271

Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.0

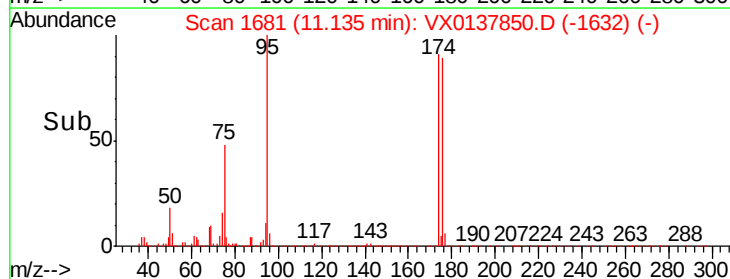
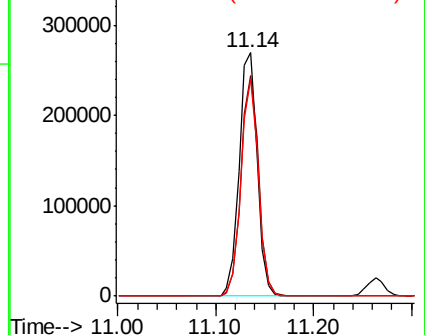
176 85.7 0.0 173.6

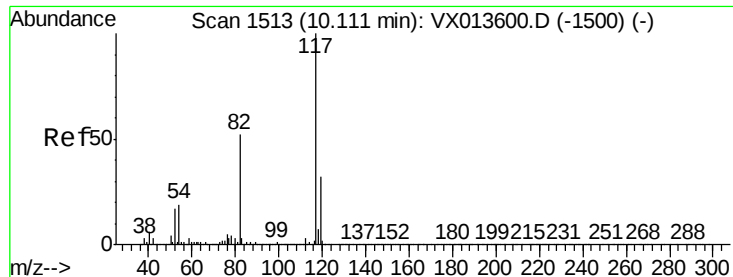


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

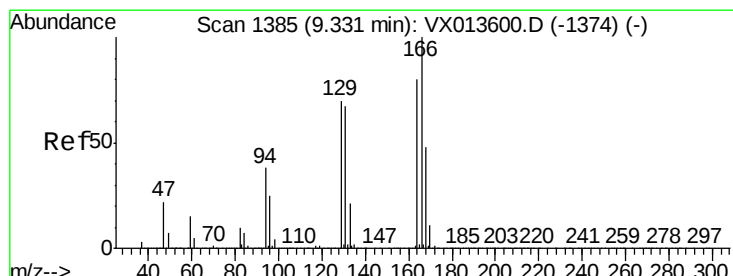
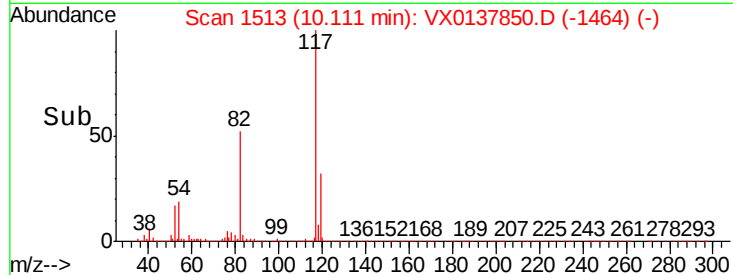
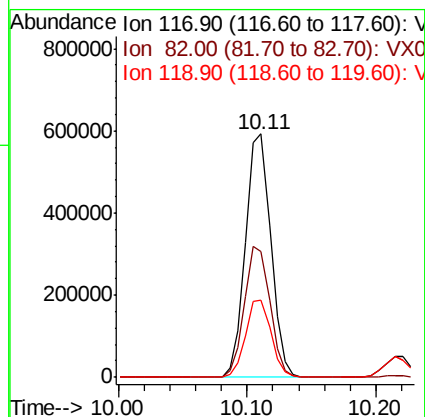
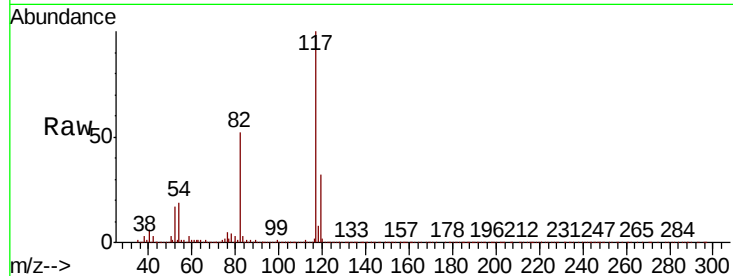




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

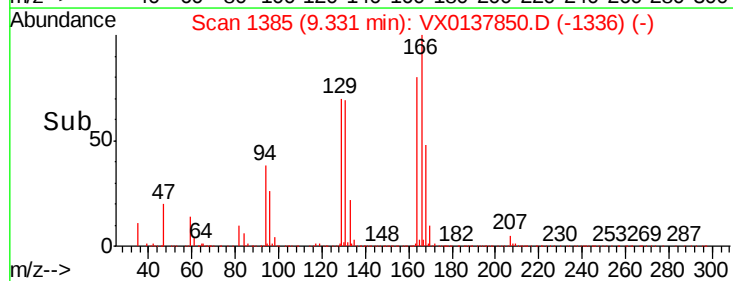
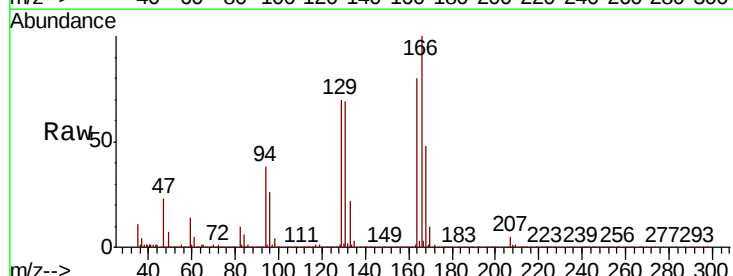
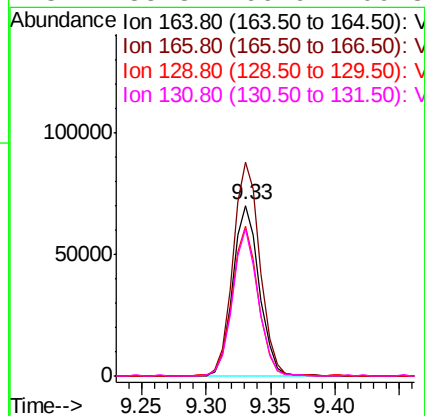
Instrument :  
MSVOA\_X  
ClientSampleId :

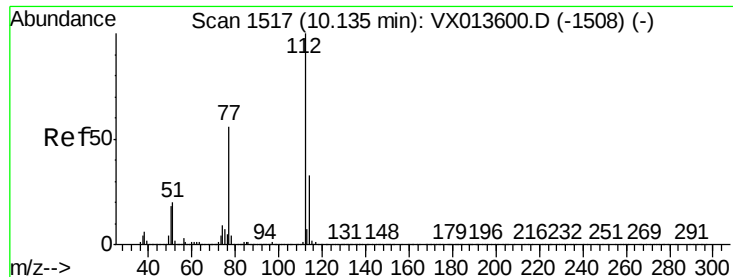
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.7  | 41.8  | 62.8  |
| 119     | 31.9  | 25.8  | 38.8  |



#64  
Tetrachloroethene  
Concen: 16.780 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.1 | 99.7  | 149.5 |
| 129     | 87.2  | 70.1  | 105.1 |
| 131     | 85.8  | 66.9  | 100.3 |





#65

Chlorobenzene

Concen: 16.447 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

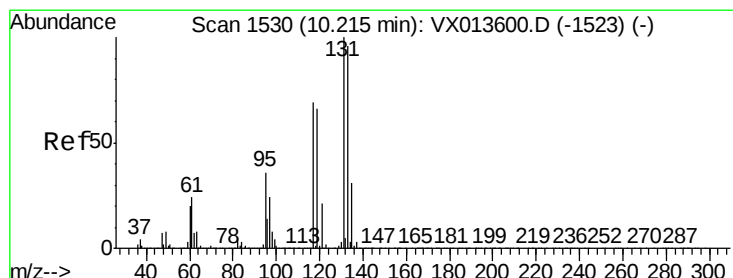
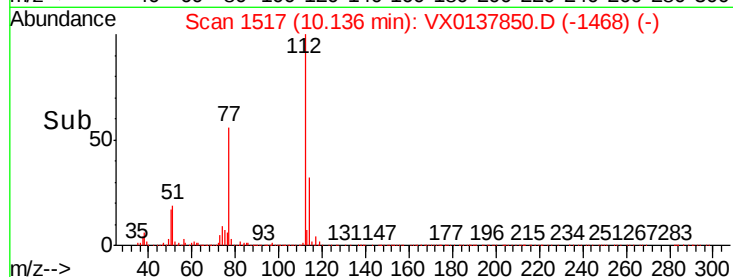
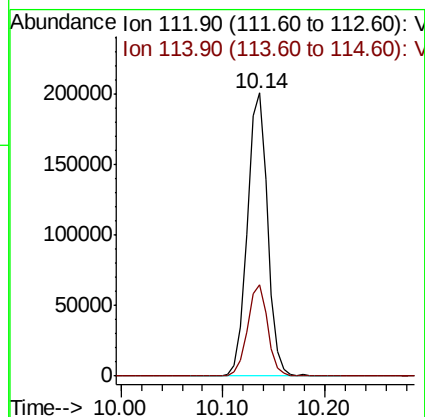
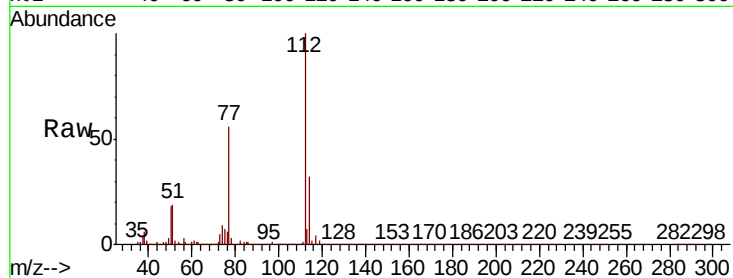
ClientSampleId :

Tot Ion:112 Resp: 274989

Ion Ratio Lower Upper

112 100

114 32.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 17.030 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

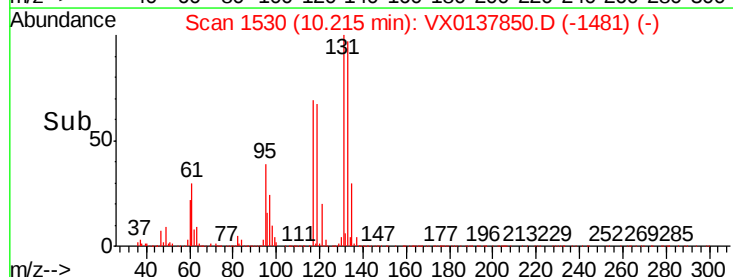
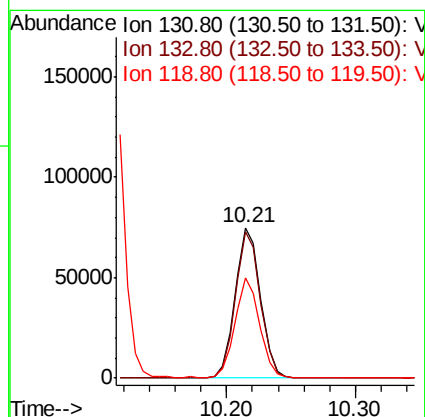
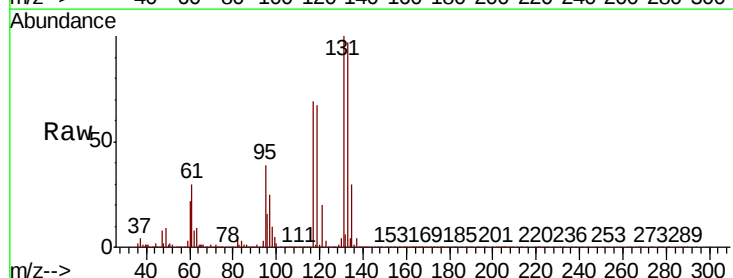
Tgt Ion:131 Resp: 102243

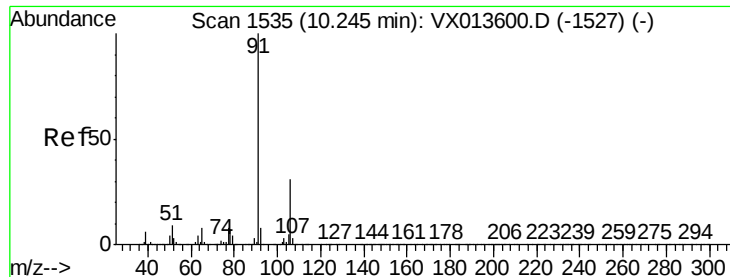
Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

119 65.1 32.9 98.6





#67

Ethyl Benzene

Concen: 16.716 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

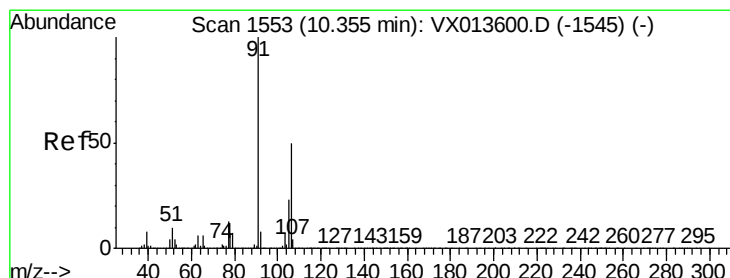
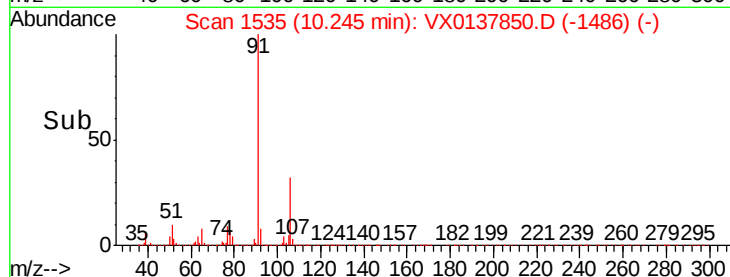
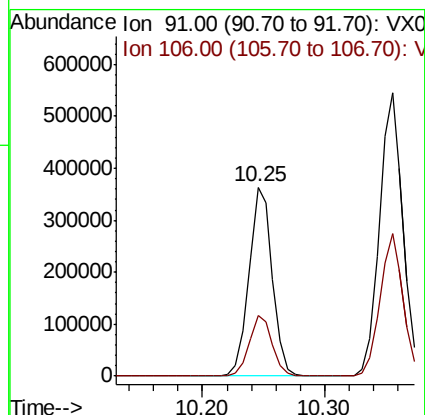
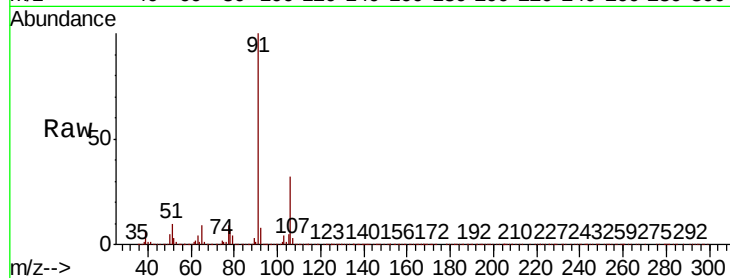
ClientSampled :

Tot Ion: 91 Resp: 480269

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 32.944 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX0137850.D

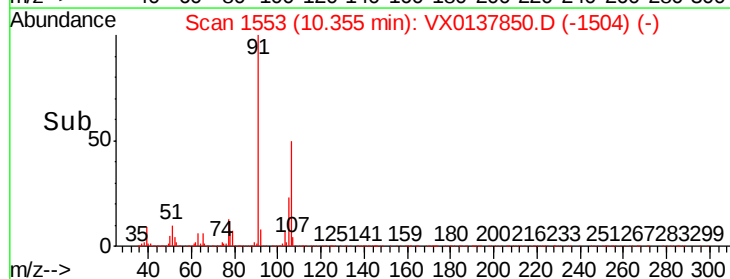
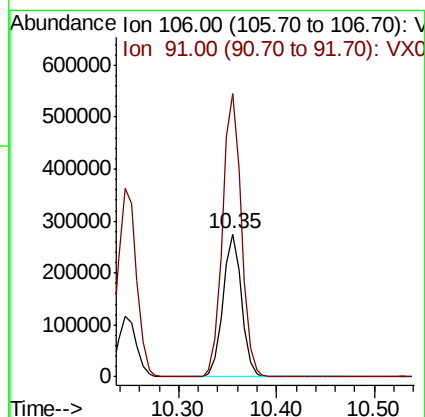
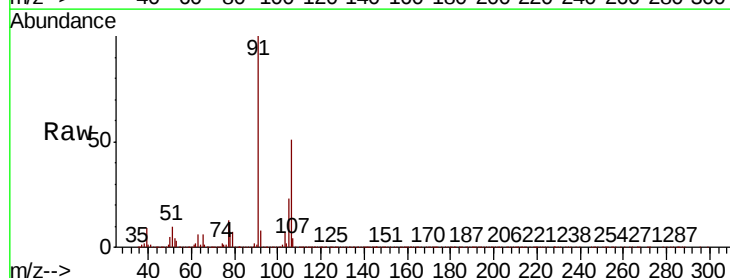
Acq: 09 Dec 2019 14:37

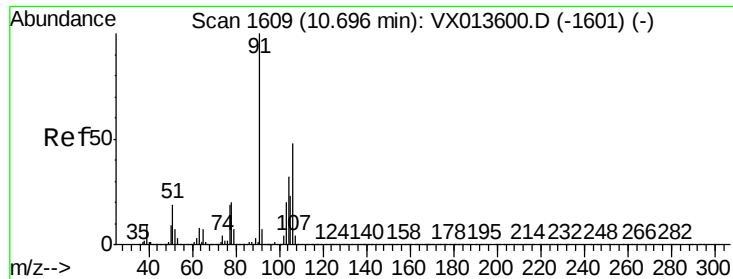
Tgt Ion: 106 Resp: 362376

Ion Ratio Lower Upper

106 100

91 199.8 159.0 238.4

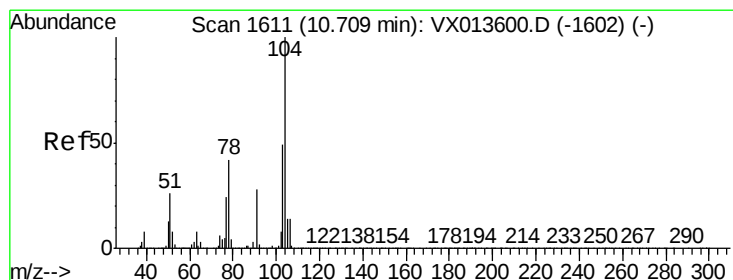
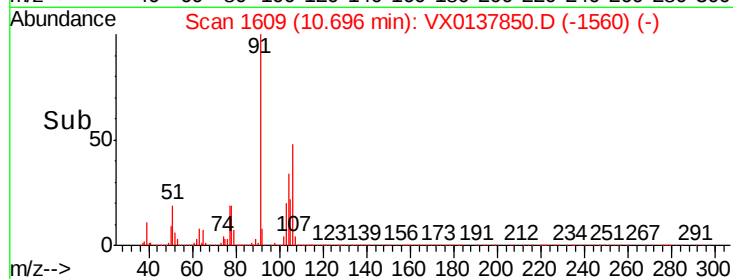
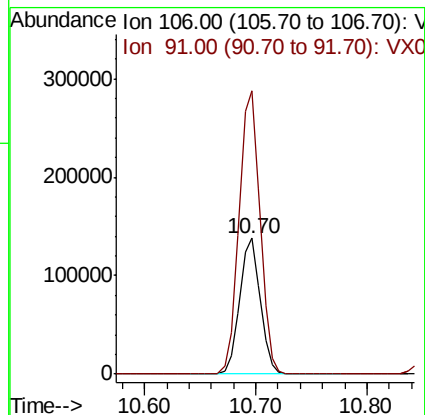
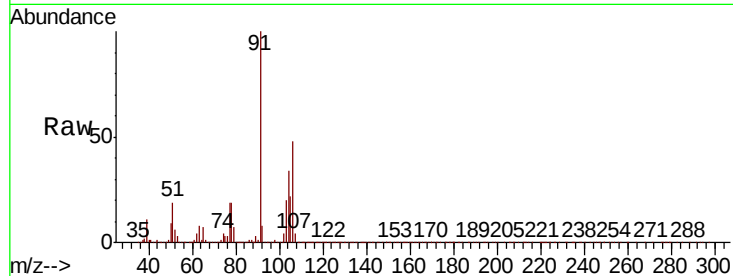




#69  
o-Xylene  
Concen: 16.562 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

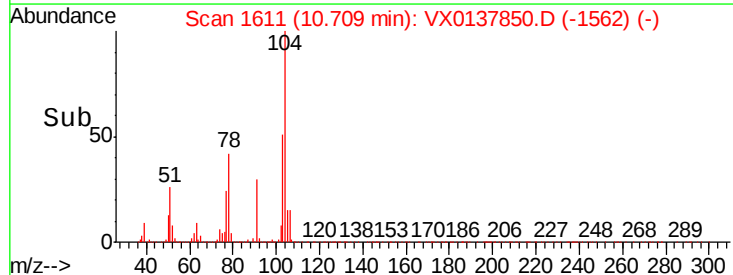
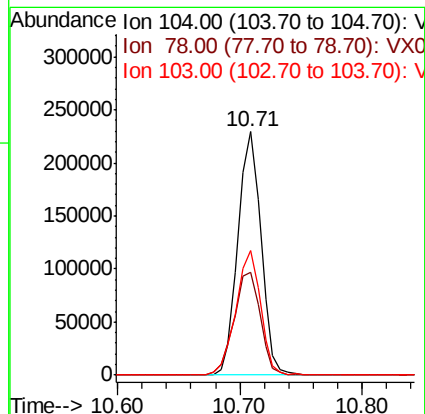
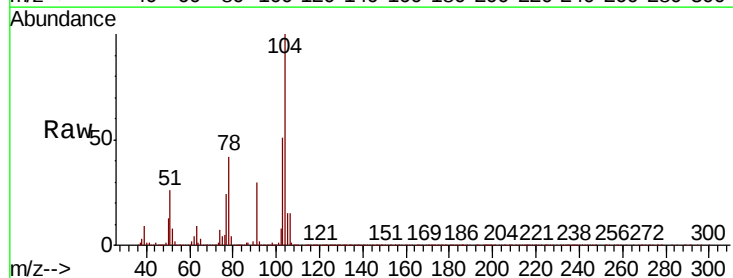
Instrument :  
MSVOA\_X  
ClientSampleId :

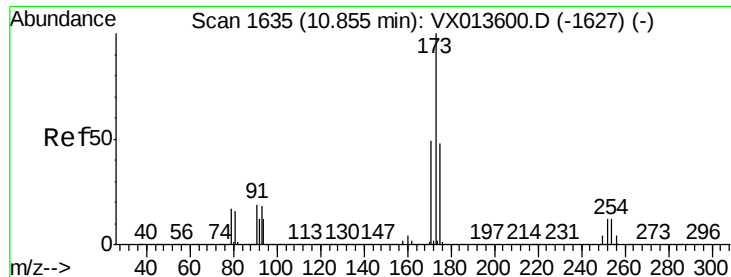
Tot Ion:106 Resp: 177672  
Ion Ratio Lower Upper  
106 100  
91 211.1 104.1 312.2



#70  
Styrene  
Concen: 16.616 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion:104 Resp: 299855  
Ion Ratio Lower Upper  
104 100  
78 48.1 38.5 57.7  
103 54.4 43.7 65.5





#71

Bromoform

Concen: 16.313 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

ClientSampleId :

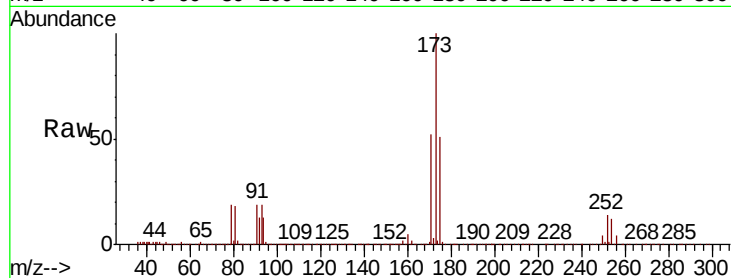
Tot Ion:173 Resp: 81036

Ion Ratio Lower Upper

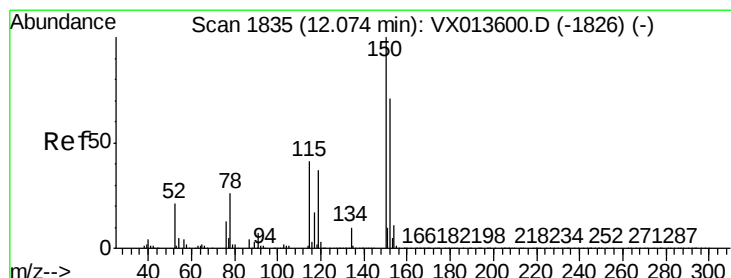
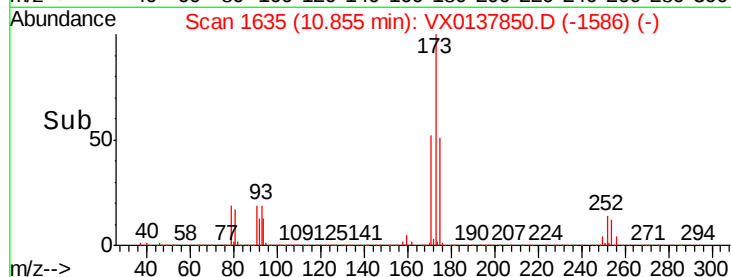
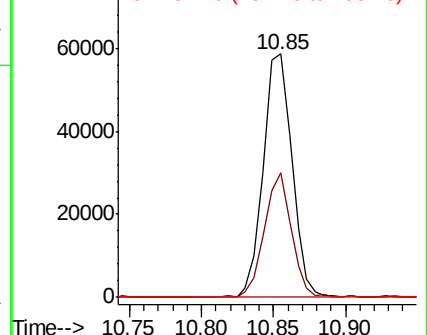
173 100

175 48.0 24.3 72.8

254 0.3 0.2 0.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

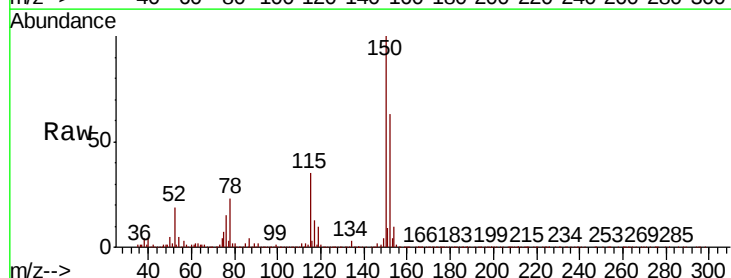
Tgt Ion:152 Resp: 383191

Ion Ratio Lower Upper

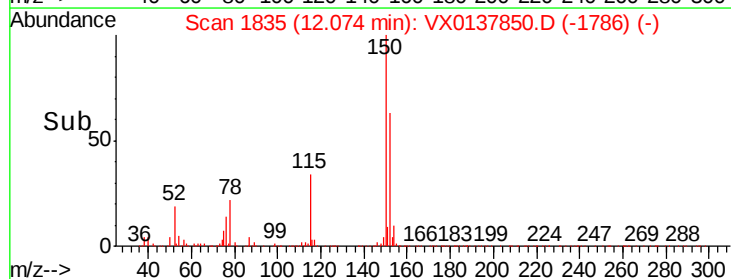
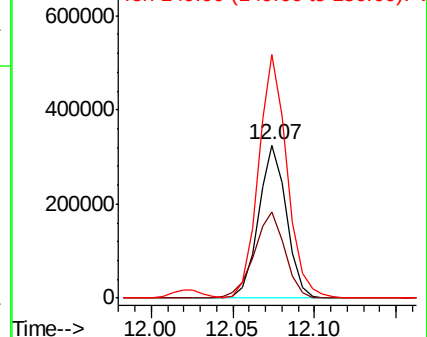
152 100

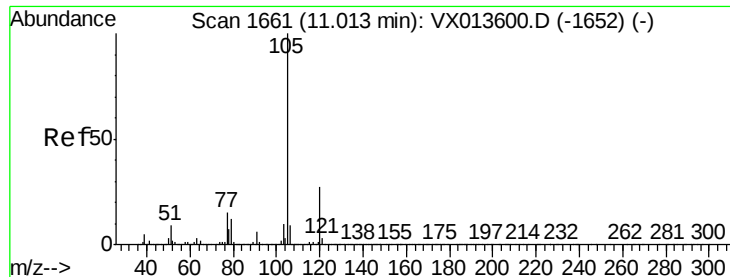
115 62.5 38.4 115.1

150 163.8 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.690 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

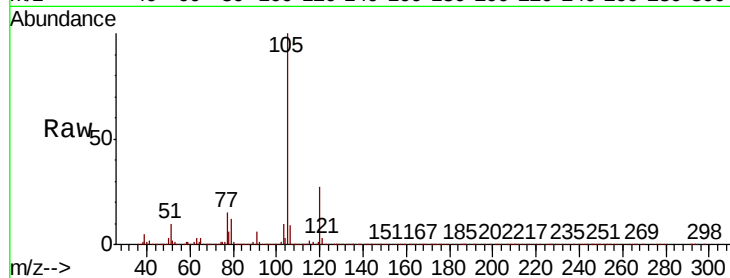
ClientSampleId :

Tot Ion:105 Resp: 475485

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

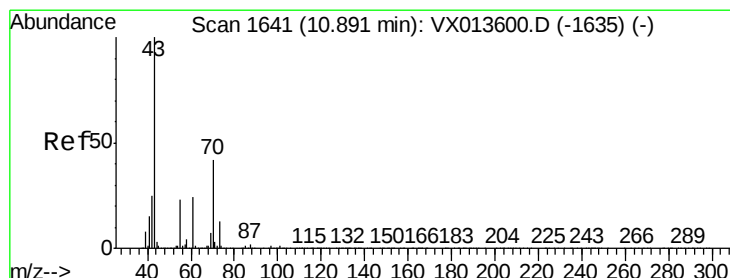
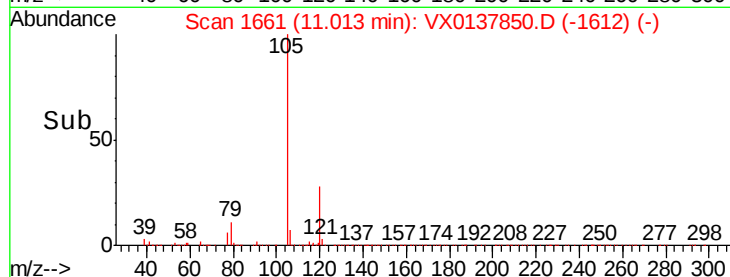
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 16.965 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Tgt Ion: 43 Resp: 208889

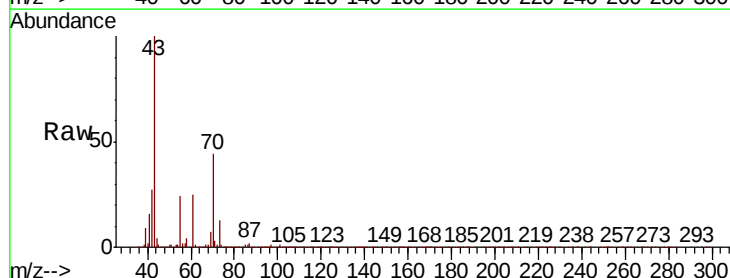
Ion Ratio Lower Upper

43 100

70 43.4 34.3 51.5

55 25.4 18.5 27.7

61 25.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

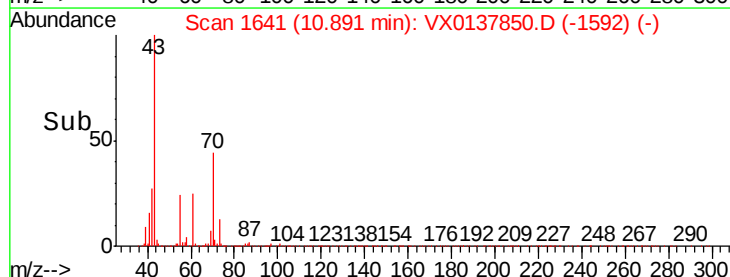
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.287 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

ClientSampleId :

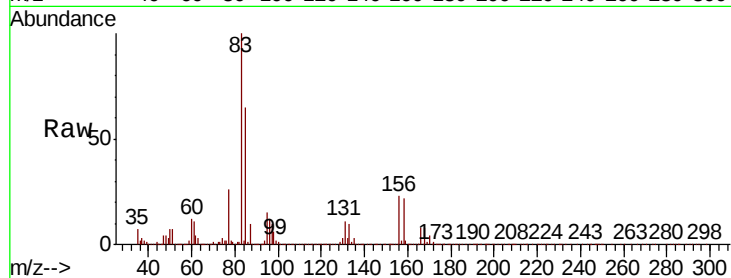
Tot Ion: 83 Resp: 170465

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

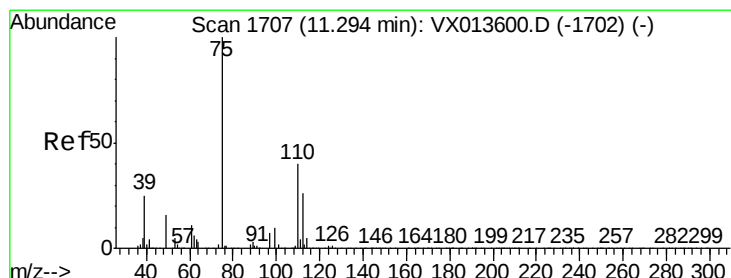
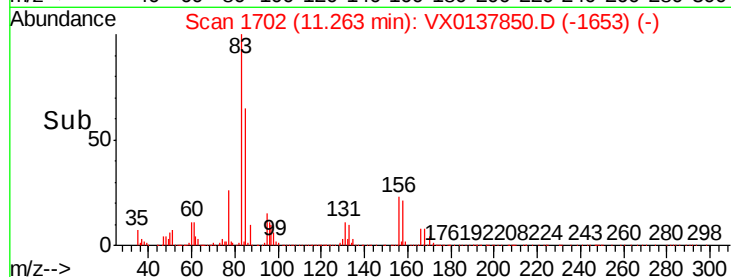
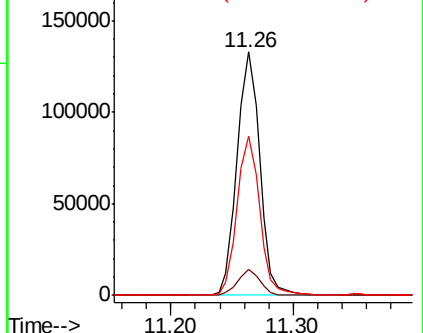
85 65.1 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.149 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX0137850.D

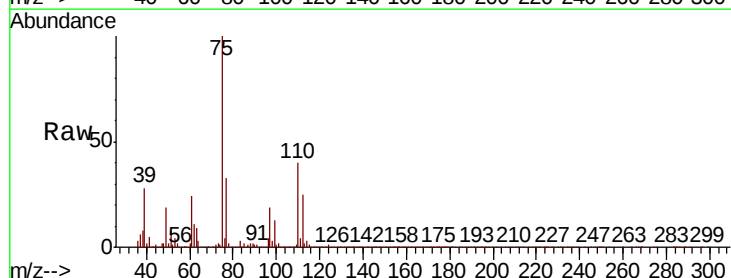
Acq: 09 Dec 2019 14:37

Tgt Ion: 75 Resp: 182274

Ion Ratio Lower Upper

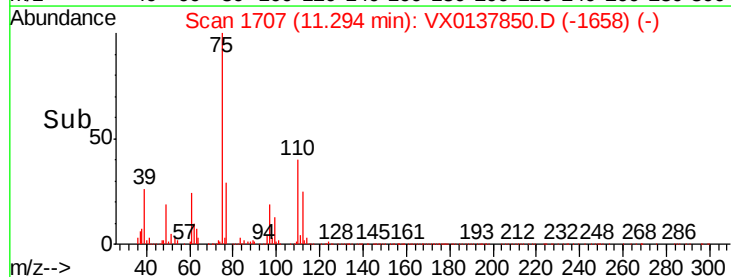
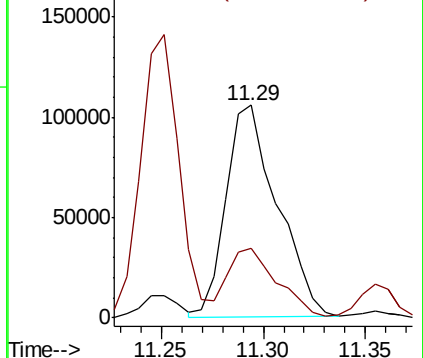
75 100

77 31.5 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.133 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

ClientSampleId :

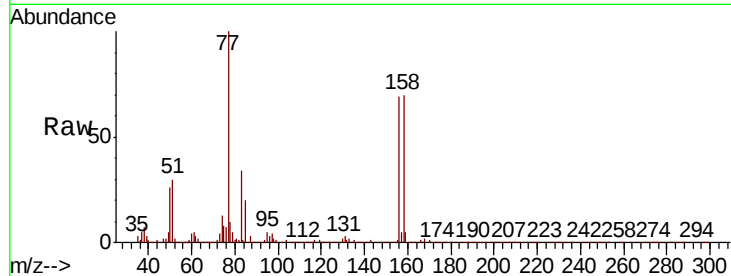
Tot Ion:156 Resp: 124415

Ion Ratio Lower Upper

156 100

77 149.2 74.4 223.1

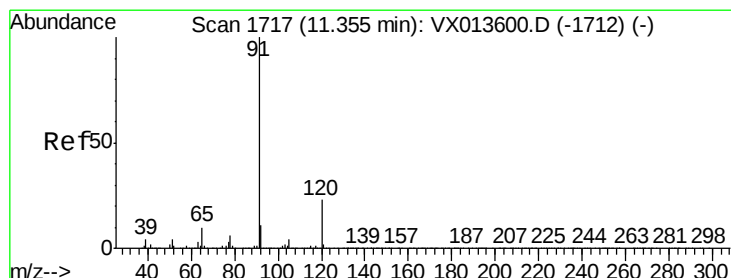
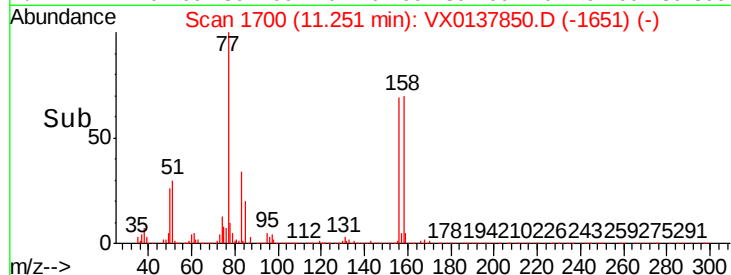
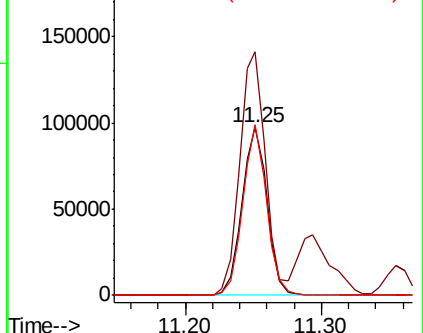
158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.438 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX0137850.D

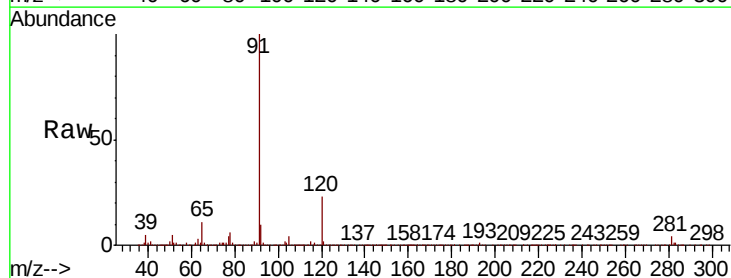
Acq: 09 Dec 2019 14:37

Tgt Ion: 91 Resp: 523238

Ion Ratio Lower Upper

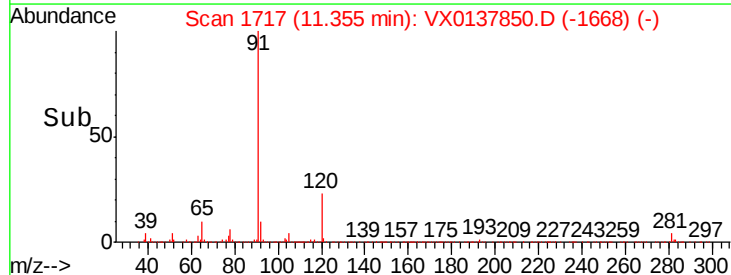
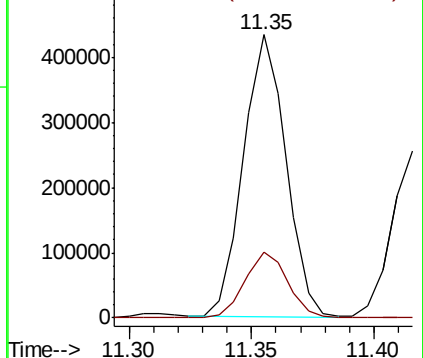
91 100

120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.789 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

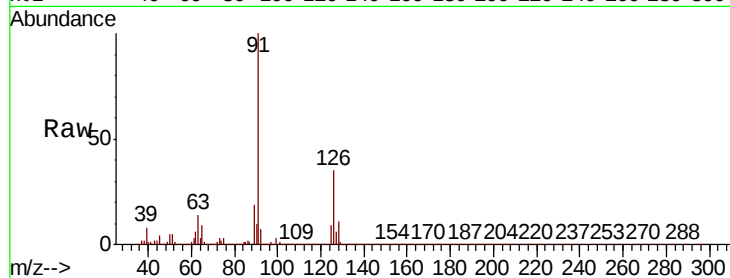
ClientSampled :

Tot Ion: 91 Resp: 320199

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0137850.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX0137850.D (-1722) (-)

500000

400000

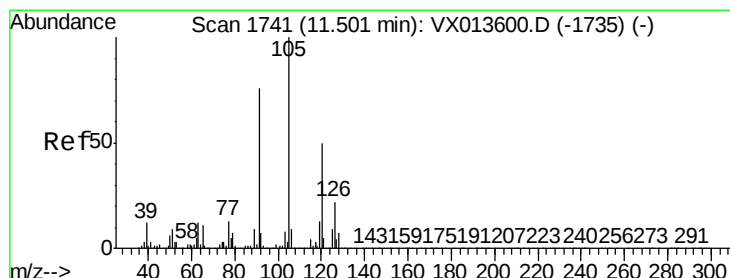
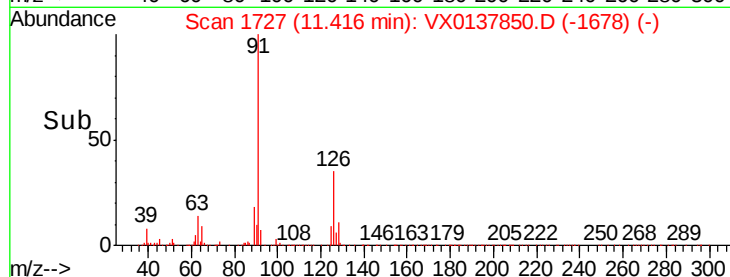
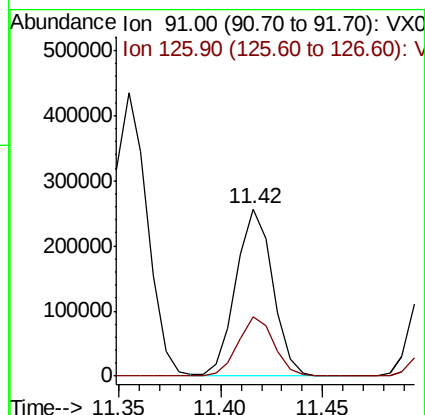
300000

200000

100000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 17.693 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX0137850.D

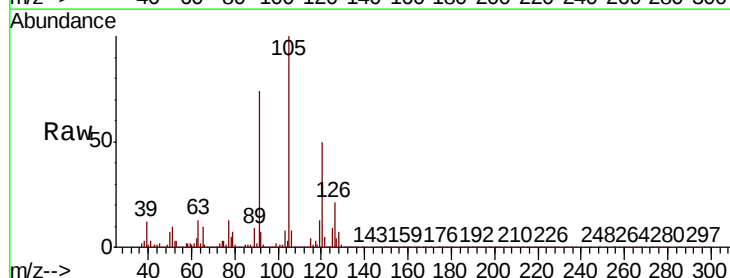
Acq: 09 Dec 2019 14:37

Tgt Ion: 105 Resp: 389778

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX0137850.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX0137850.D (-1692) (-)

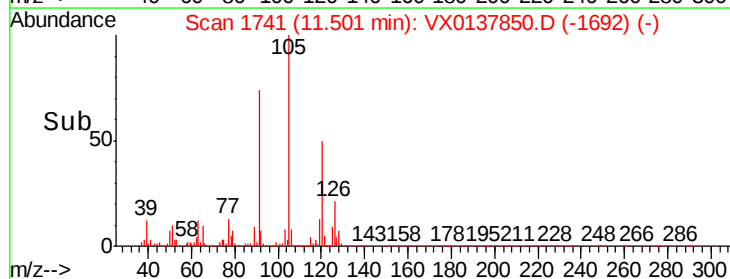
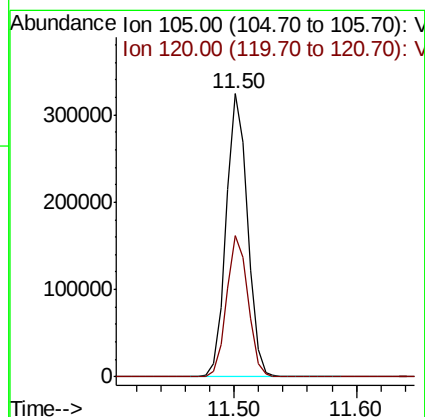
300000

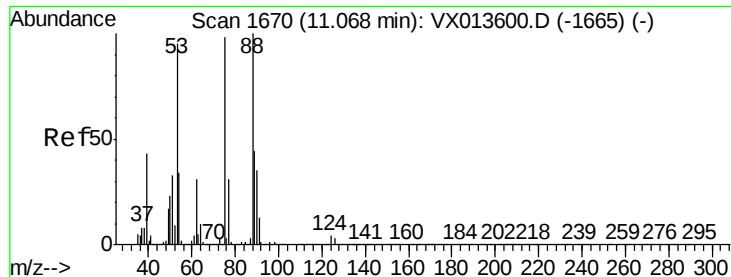
200000

100000

0

11.50 11.60

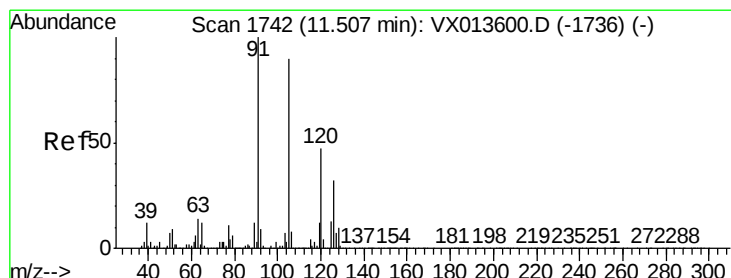
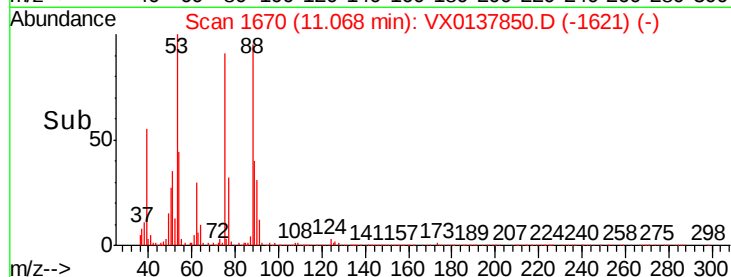
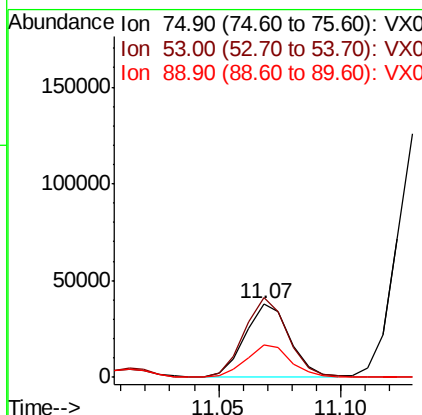
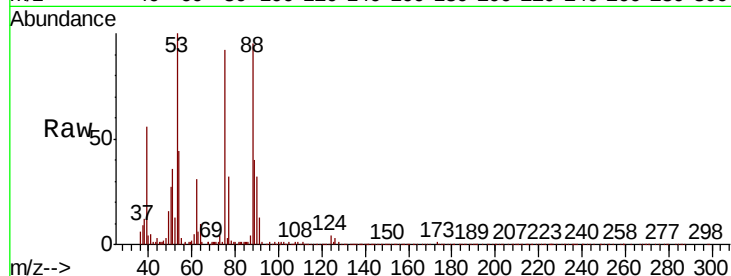




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.151 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

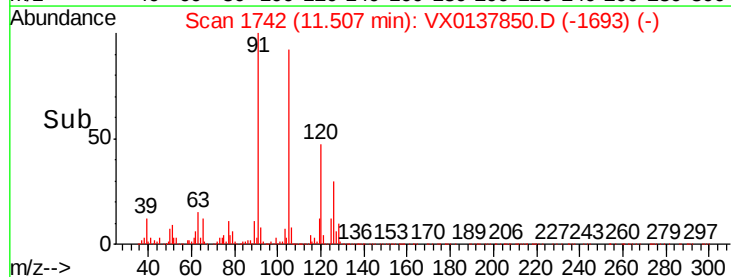
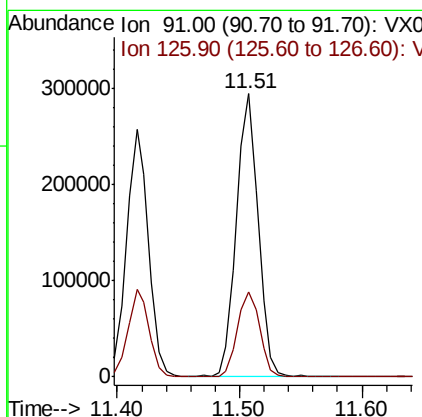
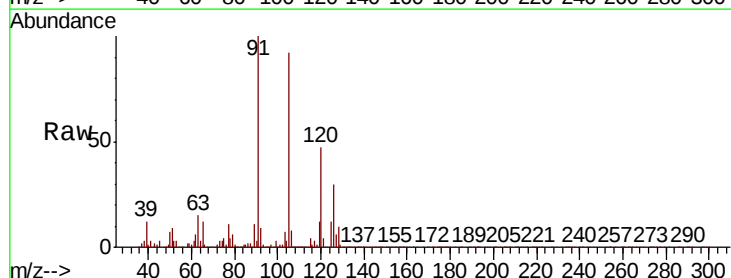
Instrument :  
MSVOA\_X  
ClientSampleId :

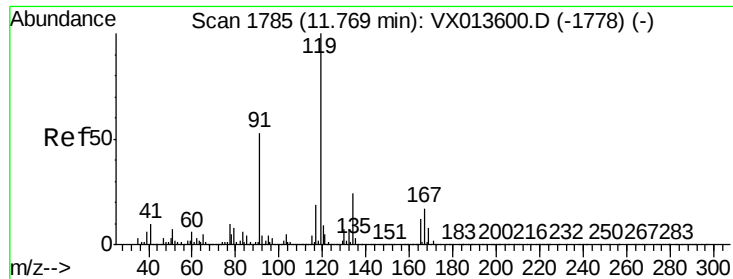
Tot Ion: 75 Resp: 47731  
Ion Ratio Lower Upper  
75 100  
53 106.8 78.2 117.2  
89 43.7 35.4 53.2



#82  
4-Chlorotoluene  
Concen: 17.229 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion: 91 Resp: 359173  
Ion Ratio Lower Upper  
91 100  
126 31.0 15.7 47.0

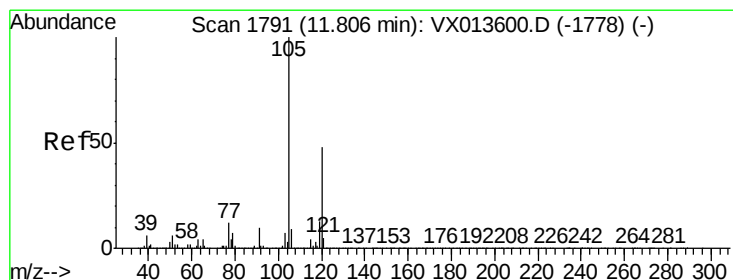
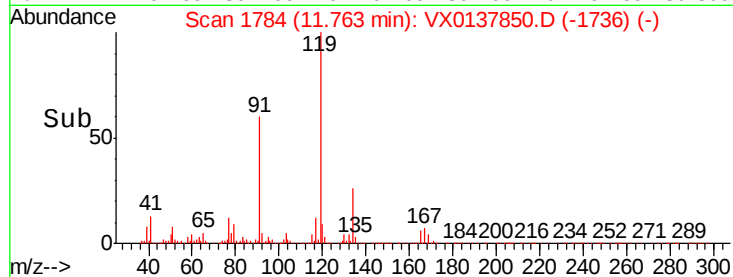
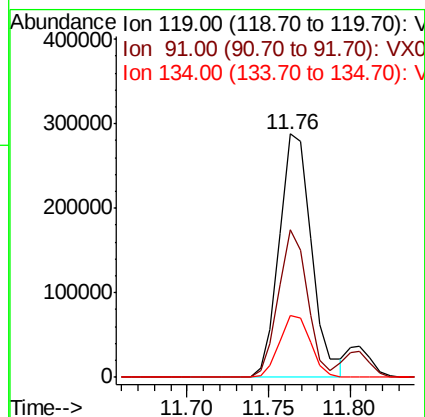
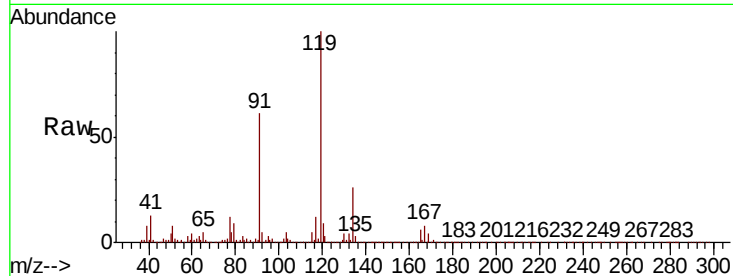




#83  
 tert-Butylbenzene  
 Concen: 17.592 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. -0.01 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

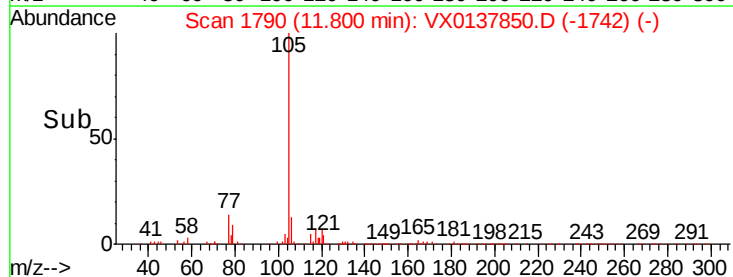
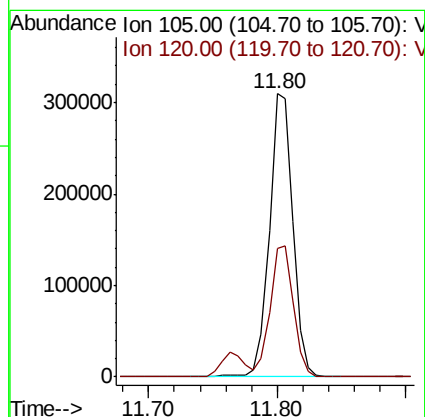
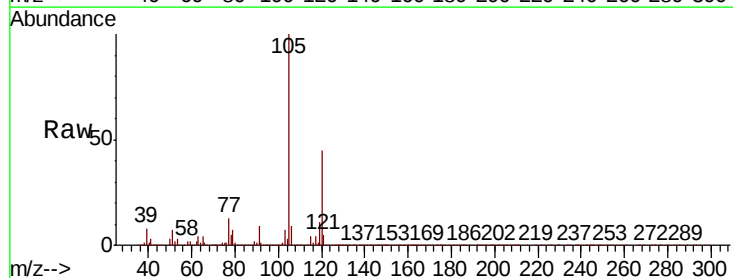
Instrument :  
 MSVOA\_X  
 ClientSampleId :

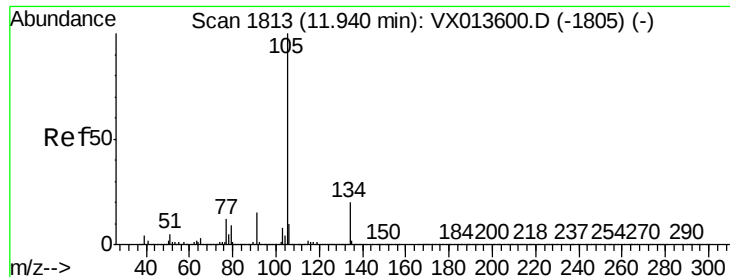
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 54.2  | 27.2  | 81.6  |
| 134     | 24.3  | 11.7  | 35.1  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.490 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. -0.01 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.1  | 23.1  | 69.3  |





#85

sec-Butylbenzene

Concen: 17.401 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

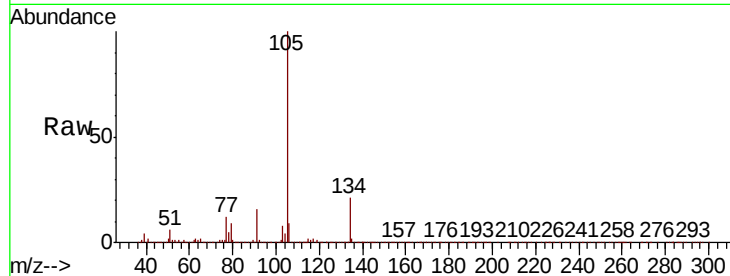
ClientSampleId :

Tot Ion:105 Resp: 445005

Ion Ratio Lower Upper

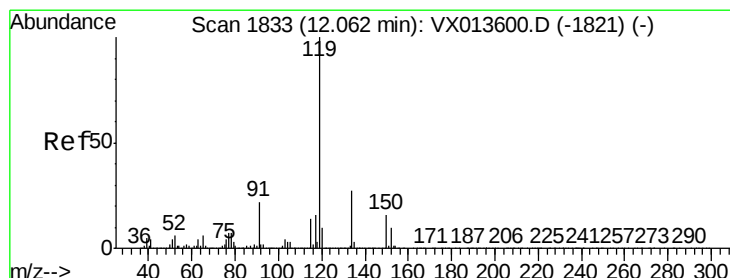
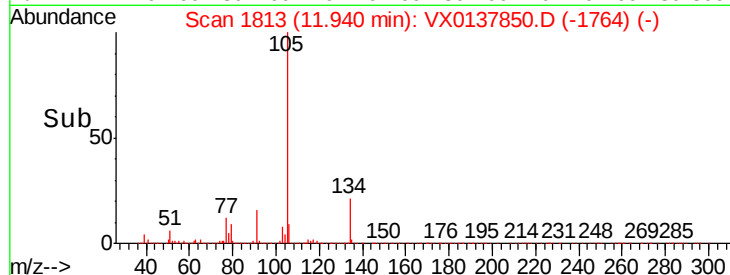
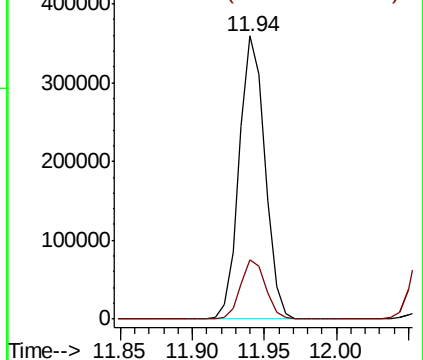
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.032 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

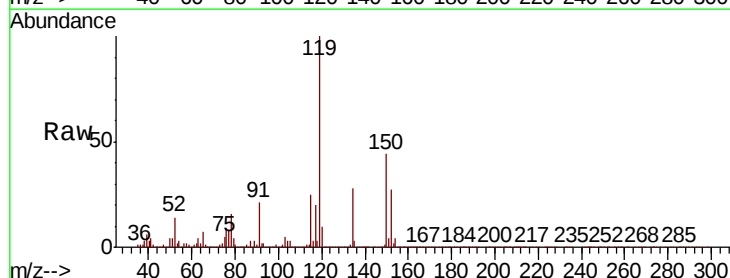
Tgt Ion:119 Resp: 405191

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

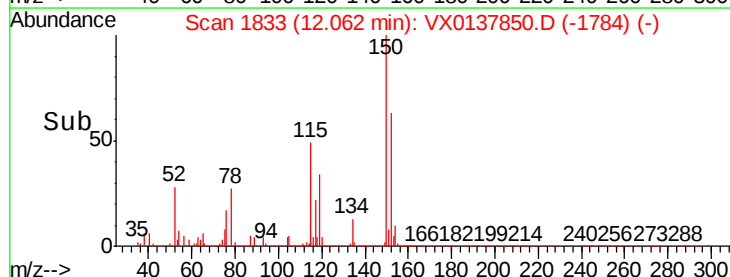
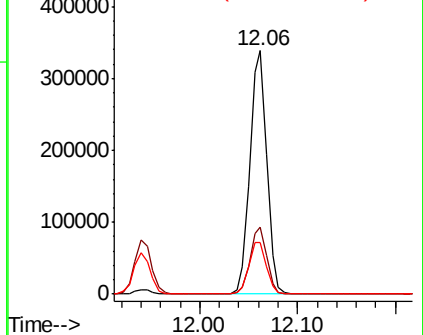
91 22.2 11.3 33.8

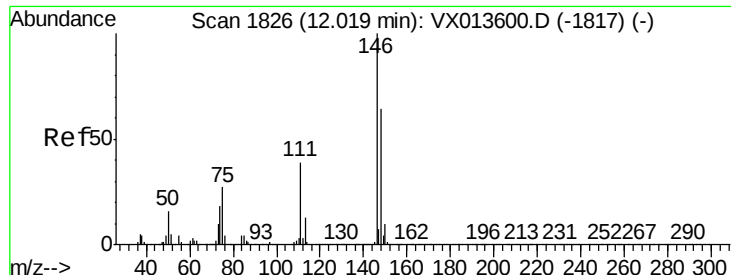


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

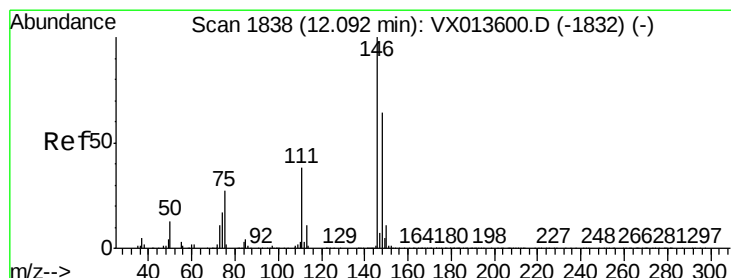
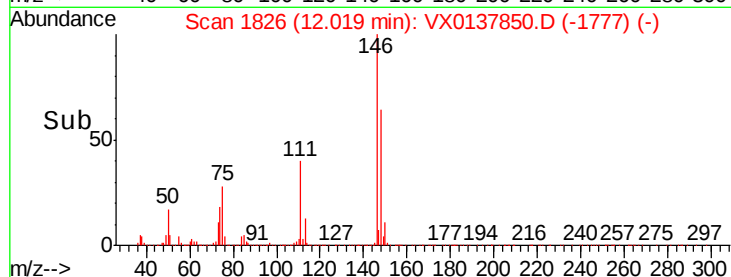
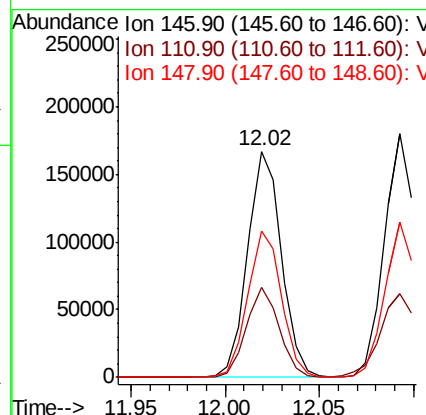
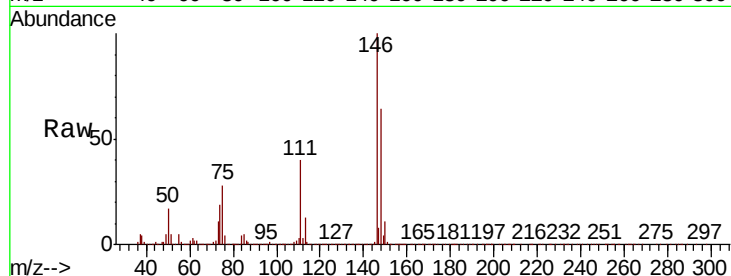




#87  
 1,3-Dichlorobenzene  
 Concen: 16.439 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

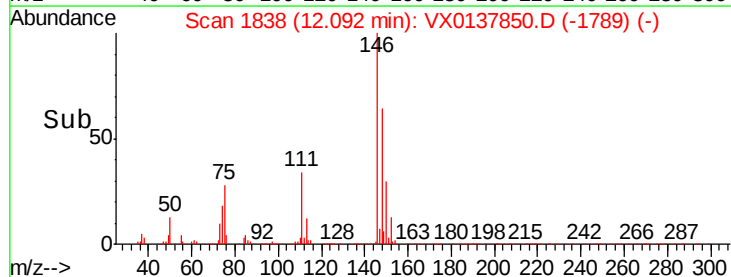
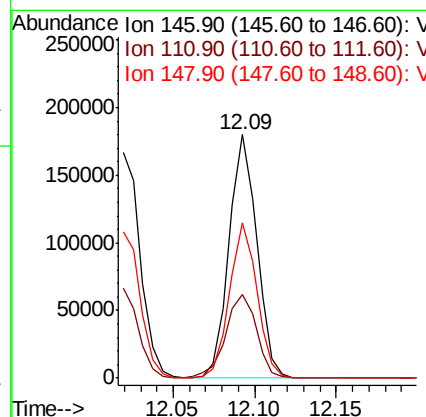
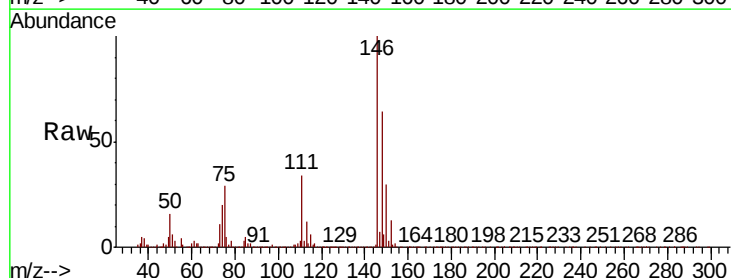
Instrument :  
 MSVOA\_X  
 ClientSampled :

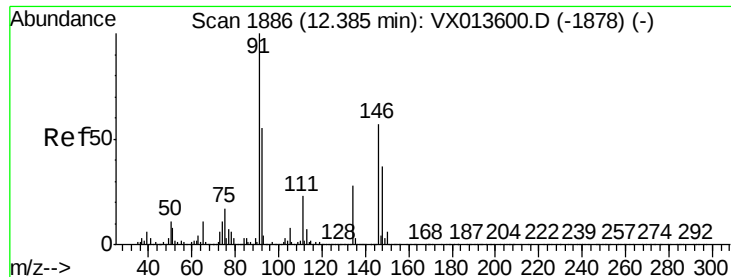
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.0  | 57.0  |
| 148     | 64.7  | 31.8  | 95.4  |



#88  
 1,4-Dichlorobenzene  
 Concen: 16.524 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 18.9  | 56.9  |
| 148     | 63.3  | 31.9  | 95.5  |





#89

n-Butylbenzene

Concen: 16.430 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX0137850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA\_X

ClientSampleId :

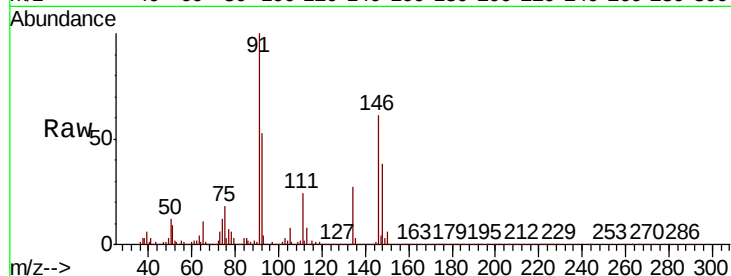
Tot Ion: 91 Resp: 333387

Ion Ratio Lower Upper

91 100

92 52.9 27.4 82.2

134 26.4 13.5 40.4

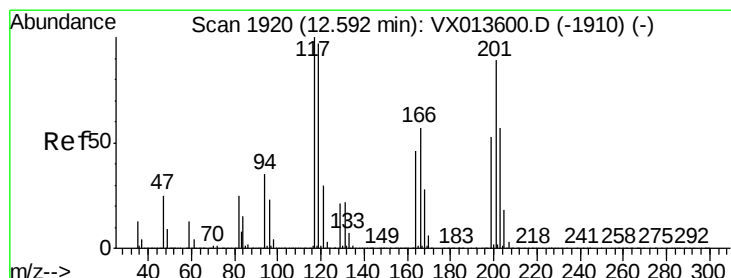
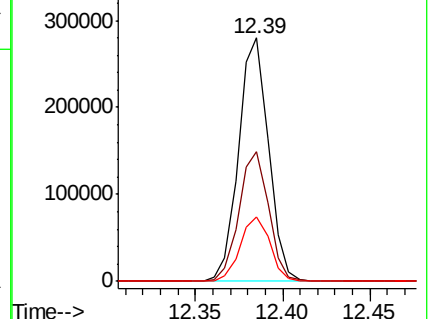
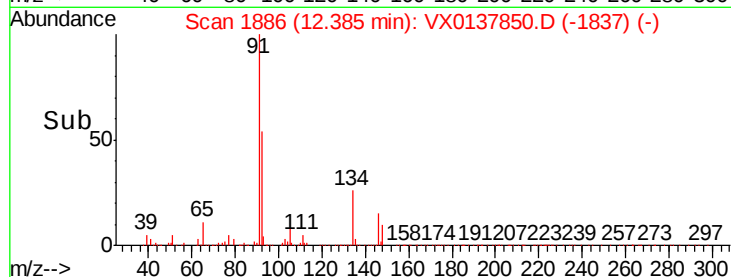


Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX013600.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX013600.D (-1878) (-)

Time-->



#90

Hexachloroethane

Concen: 16.631 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX0137850.D

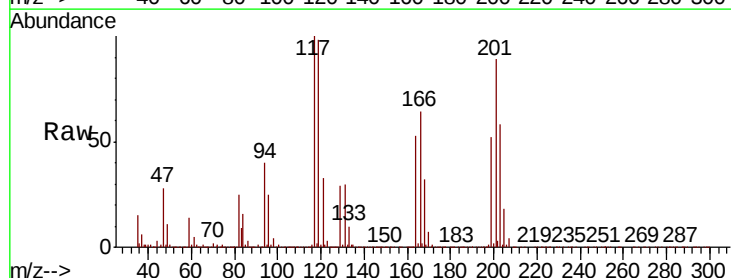
Acq: 09 Dec 2019 14:37

Tgt Ion: 117 Resp: 71516

Ion Ratio Lower Upper

117 100

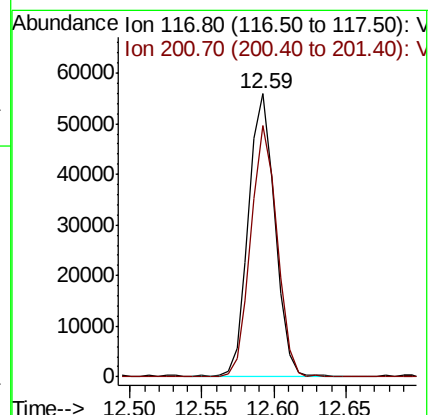
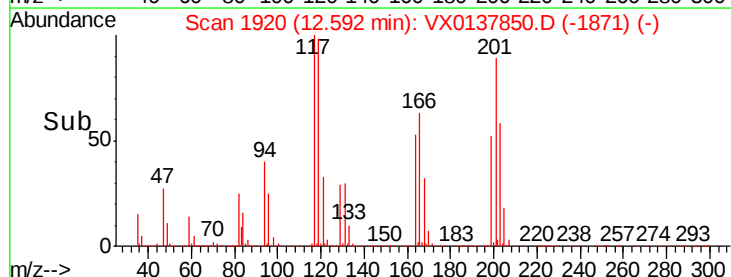
201 87.4 44.1 132.4

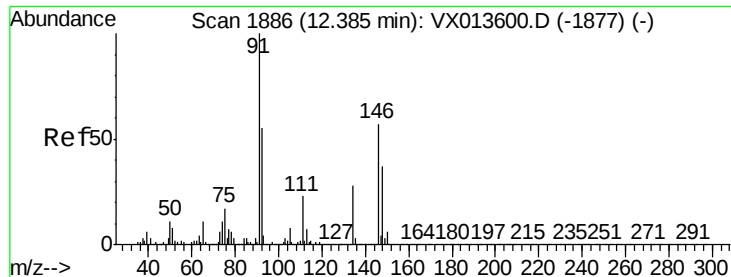


Abundance Ion 116.80 (116.50 to 117.50): VX013600.D (-1910) (-)

Ion 200.70 (200.40 to 201.40): VX013600.D (-1910) (-)

Time-->

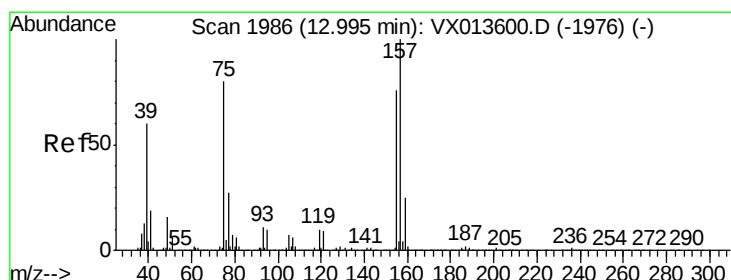
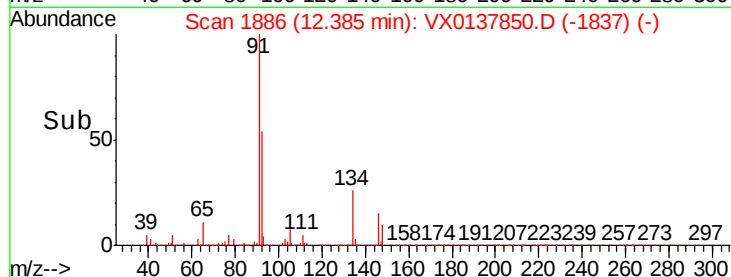
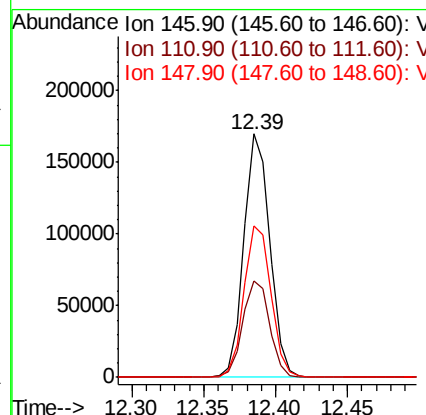
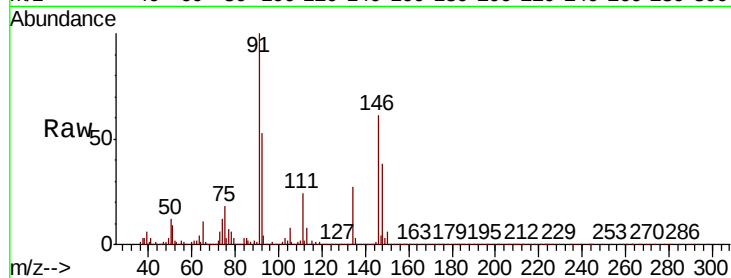




#91  
 1,2-Dichlorobenzene  
 Concen: 17.045 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

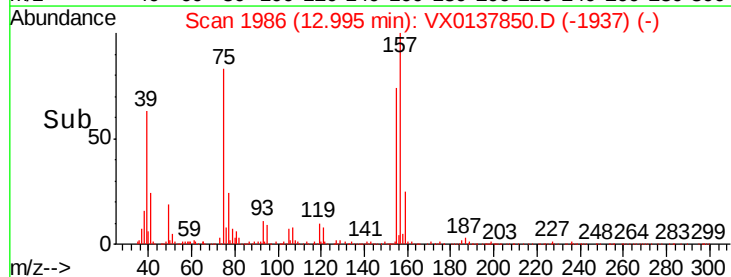
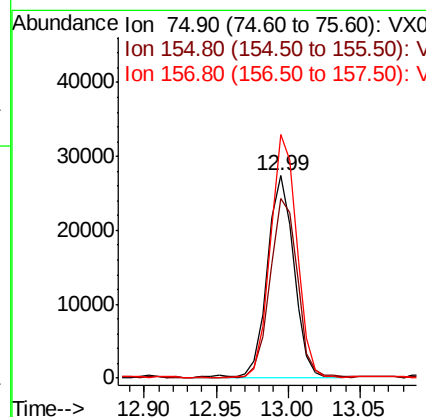
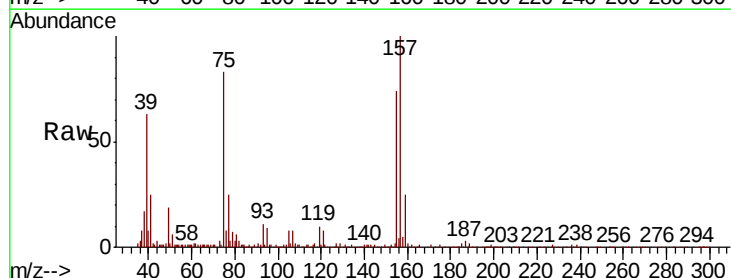
Instrument :  
 MSVOA\_X  
 ClientSampled :

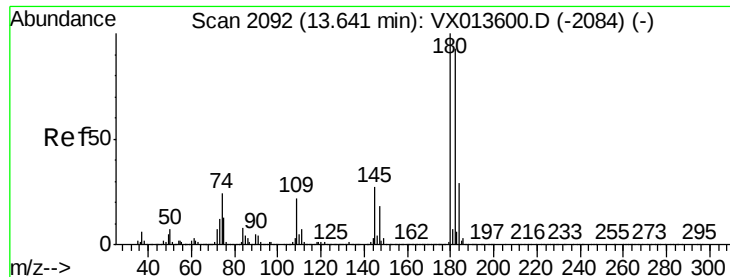
Tot Ion:146 Resp: 213174  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 19.6 58.7  
 148 64.5 31.9 95.7



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.414 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX0137850.D  
 Acq: 09 Dec 2019 14:37

Tgt Ion: 75 Resp: 35350  
 Ion Ratio Lower Upper  
 75 100  
 155 89.6 47.6 142.8  
 157 119.0 62.1 186.2

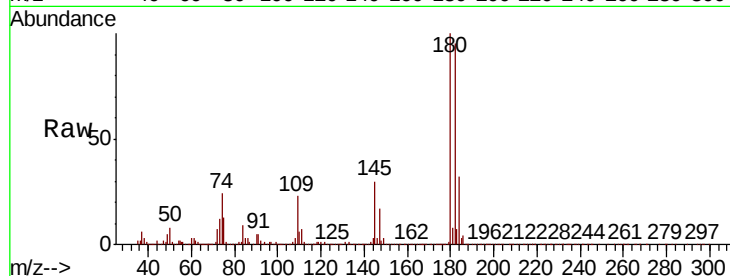




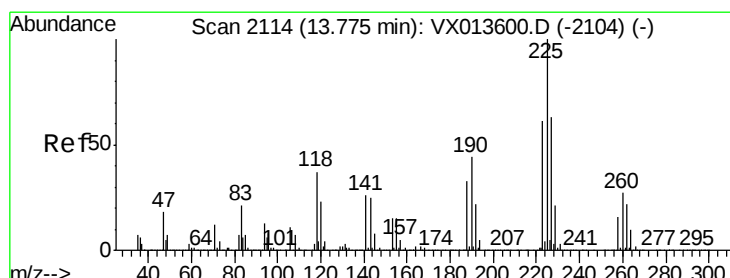
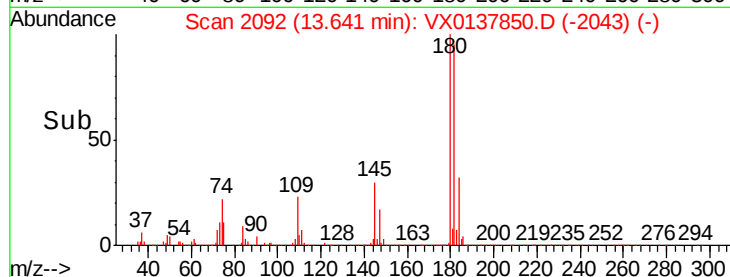
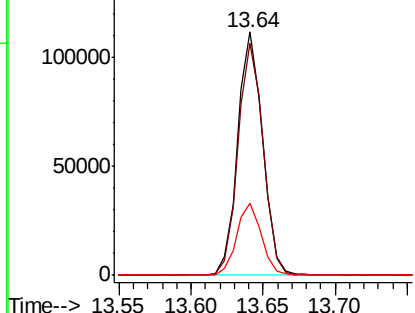
#93  
1,2,4-Trichlorobenzene  
Concen: 15.439 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Instrument :  
MSVOA\_X  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.2  | 141.6 |
| 145     | 29.7  | 13.8  | 41.4  |

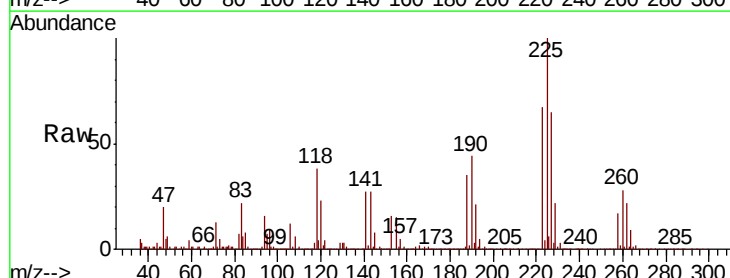


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V

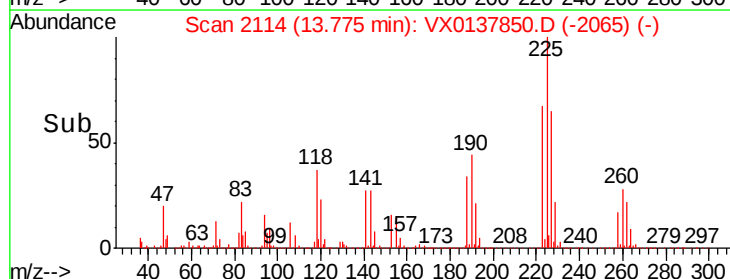
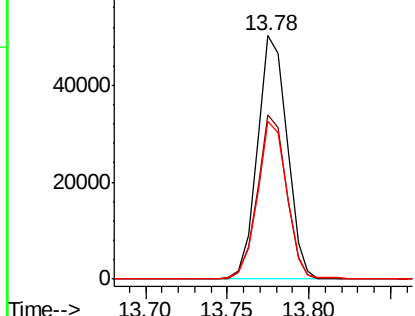


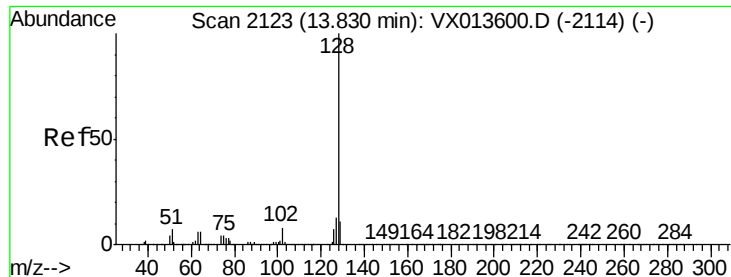
#94  
Hexachlorobutadiene  
Concen: 15.289 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.8  | 31.9  | 95.5  |
| 227     | 64.4  | 32.1  | 96.3  |



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V

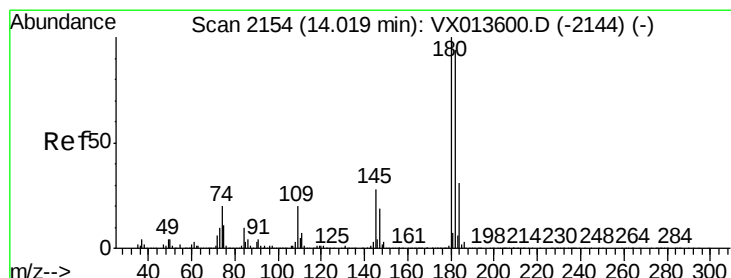
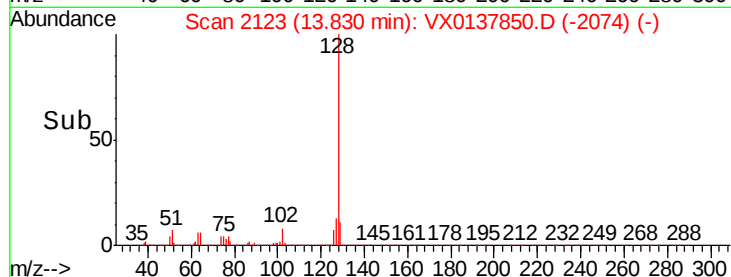
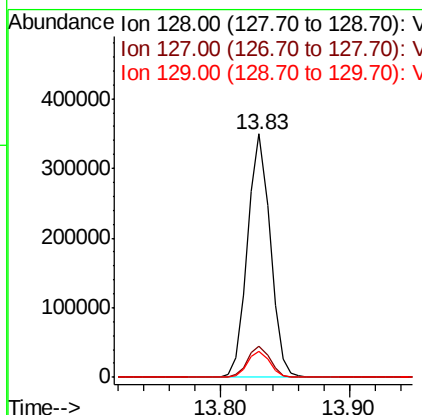
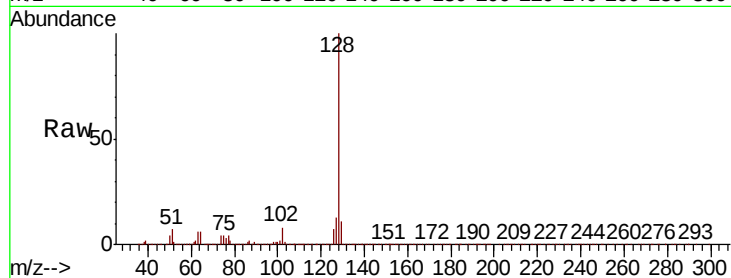




#95  
Naphthalene  
Concen: 16.275 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:128 Resp: 422443  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 16.267 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: VX0137850.D  
Acq: 09 Dec 2019 14:37

Tgt Ion:180 Resp: 140386  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.6 142.8  
145 29.4 15.0 45.0

