

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070722\  
 Data File : VY009469.D  
 Acq On : 07 Jul 2022 13:24  
 Operator : KP/MD  
 Sample : VSTDICC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC150

Quant Time: Jul 08 01:31:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070722S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 08 01:24:14 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 202901   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 323093   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.483 | 117  | 285222   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 136852   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 190144   | 109.627  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 219.260%# |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 220190   | 129.522  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 259.040%# |      |
| 50) Toluene-d8              | 10.173 | 98    | 630978   | 108.038  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 125 | Recovery | = 216.080%# |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 311264   | 129.709  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 146 | Recovery | = 259.420%# |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 170531  | 109.597 | ug/l   | 99  |
| 3) Chloromethane             | 2.107 | 50  | 176744  | 101.717 | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.241 | 62  | 204480  | 103.361 | ug/l   | 100 |
| 5) Bromomethane              | 2.619 | 94  | 155357  | 109.308 | ug/l   | 100 |
| 6) Chloroethane              | 2.772 | 64  | 131491  | 113.843 | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.107 | 101 | 307507  | 116.423 | ug/l   | 96  |
| 8) Diethyl Ether             | 3.521 | 74  | 95452   | 94.459  | ug/l   | 75  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 177971  | 99.449  | ug/l   | 93  |
| 10) Methyl Iodide            | 4.076 | 142 | 241684  | 113.820 | ug/l   | 90  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 139438  | 446.333 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 158317  | 95.380  | ug/l # | 80  |
| 13) Acrolein                 | 3.716 | 56  | 79490   | 623.942 | ug/l   | 100 |
| 14) Allyl chloride           | 4.466 | 41  | 235234  | 82.369  | ug/l # | 90  |
| 15) Acrylonitrile            | 5.149 | 53  | 389621  | 700.723 | ug/l   | 97  |
| 16) Acetone                  | 3.936 | 43  | 188491  | 381.880 | ug/l # | 89  |
| 17) Carbon Disulfide         | 4.180 | 76  | 338084  | 72.368  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.466 | 43  | 107908  | 74.459  | ug/l # | 89  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 732116  | 145.730 | ug/l   | 95  |
| 20) Methylene Chloride       | 4.704 | 84  | 181560  | 65.347  | ug/l # | 81  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 255041  | 131.136 | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.112 | 45  | 816892  | 134.546 | ug/l # | 92  |
| 23) Vinyl Acetate            | 6.051 | 43  | 2714099 | 699.146 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.003 | 63  | 483299  | 141.156 | ug/l   | 98  |
| 25) 2-Butanone               | 6.978 | 43  | 477283  | 597.749 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 442766  | 131.207 | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 313793  | 137.047 | ug/l   | 87  |
| 28) Bromochloromethane       | 7.326 | 49  | 199274  | 138.475 | ug/l # | 79  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 312583  | 605.258 | ug/l # | 88  |
| 30) Chloroform               | 7.496 | 83  | 513753  | 137.102 | ug/l   | 98  |
| 31) Cyclohexane              | 7.777 | 56  | 368308  | 110.642 | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 455406  | 137.845 | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 355912  | 128.595 | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.063 | 43  | 215503  | 124.218 | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 403346  | 136.265 | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.179 | 83  | 427859  | 128.787 | ug/l   | 90  |
| 40) Benzene                  | 8.155 | 78  | 1051196 | 129.343 | ug/l   | 96  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070722\  
 Data File : VY009469.D  
 Acq On : 07 Jul 2022 13:24  
 Operator : KP/MD  
 Sample : VSTDICC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC150

Quant Time: Jul 08 01:31:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070722S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 08 01:24:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.301  | 41   | 121010   | 75.004   | ug/l # | 42       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 322015   | 131.975  | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 421436   | 130.192  | ug/l # | 92       |
| 44) Trichloroethene           | 8.935  | 130  | 306830   | 133.642  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 278254   | 135.286  | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 162243   | 134.400  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.490  | 83   | 394621   | 137.342  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 185936   | 133.320  | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 46900    | 2638.161 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 1049186  | 616.324  | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 679297   | 131.165  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 418733   | 138.292  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 461655   | 136.736  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 229120   | 131.565  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 321543   | 139.070  | ug/l # | 82       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 391282   | 136.293  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 804647   | 712.409  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.825 | 43   | 723609   | 613.437  | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.977 | 129  | 293712   | 139.273  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 225882   | 135.296  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 303039   | 127.076  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 759186   | 135.527  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 292006   | 138.578  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 1321914  | 135.173  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.697 | 106  | 1027468  | 269.391  | ug/l   | 93       |
| 69) o-Xylene                  | 12.026 | 106  | 497240   | 136.013  | ug/l   | 94       |
| 70) Styrene                   | 12.038 | 104  | 843616   | 138.156  | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 188708   | 140.509  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 1323677  | 141.429  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 362818   | 136.248  | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 258790   | 138.097  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 348279   | 144.293  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 316294   | 138.818  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.666 | 91   | 1579737  | 139.710  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 886575   | 140.051  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 1092661  | 139.671  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 96189    | 135.891  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 915176   | 137.948  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.068 | 119  | 1002850  | 144.089  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 1074154  | 137.947  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 1428156  | 139.329  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 1186852  | 138.907  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 603060   | 134.085  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 610556   | 134.129  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.690 | 91   | 1108793  | 138.969  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 235132   | 140.257  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 555809   | 134.882  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 46112    | 140.388  | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 365942   | 145.606  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.105 | 225  | 191780   | 138.797  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 792208   | 152.457  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.416 | 180  | 320417   | 147.199  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070722\  
Data File : VY009469.D  
Acq On : 07 Jul 2022 13:24  
Operator : KP/MD  
Sample : VSTDICC150  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC150

Quant Time: Jul 08 01:31:39 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070722S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 08 01:24:14 2022  
Response via : Initial Calibration

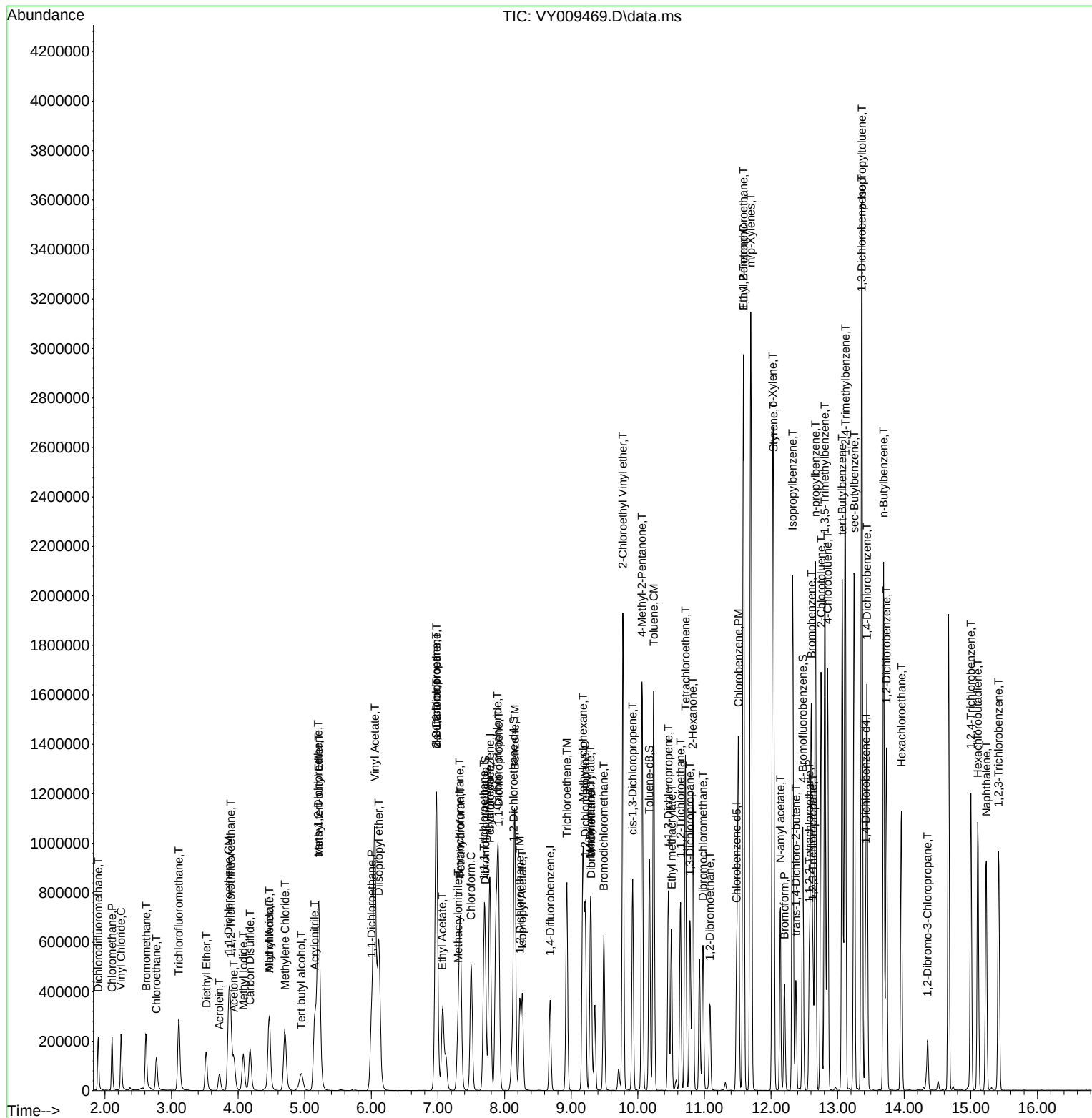
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

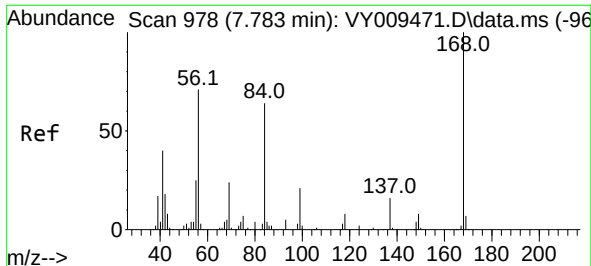
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070722\  
 Data File : VY009469.D  
 Acq On : 07 Jul 2022 13:24  
 Operator : KP/MD  
 Sample : VSTDICC150  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC150

Quant Time: Jul 08 01:31:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y070722S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 08 01:24:14 2022  
 Response via : Initial Calibration

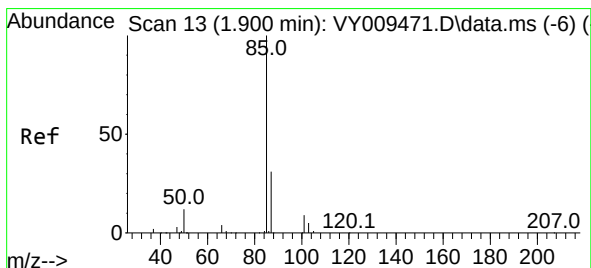
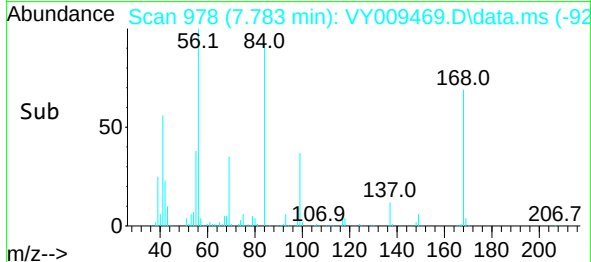
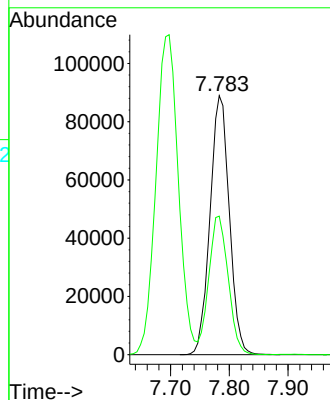
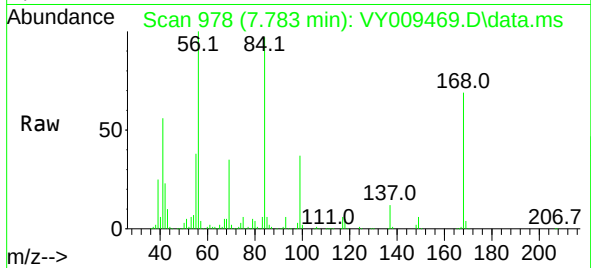




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

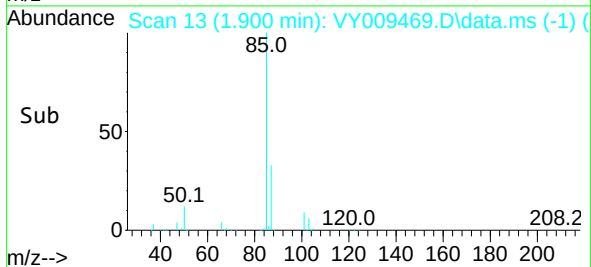
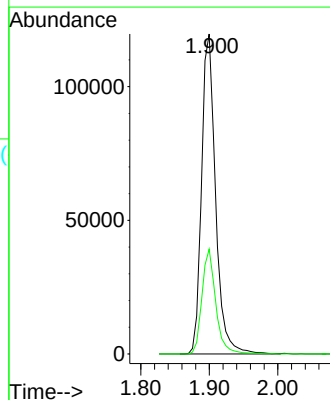
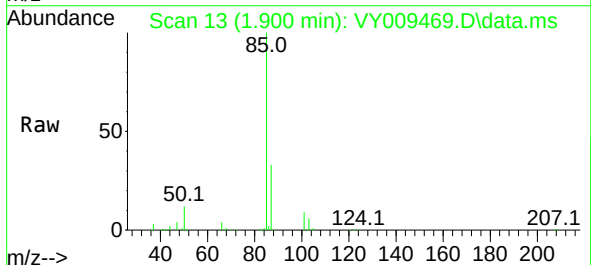
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

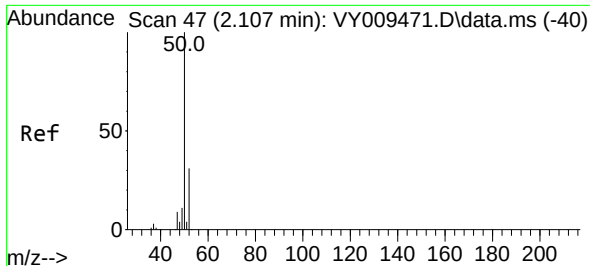
Tgt Ion:168 Resp: 202901  
Ion Ratio Lower Upper  
168 100  
99 53.4 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 109.597 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 85 Resp: 170531  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.1 48.2

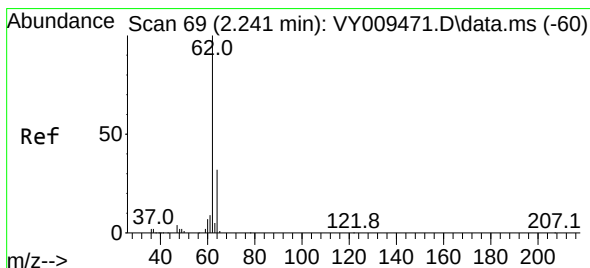
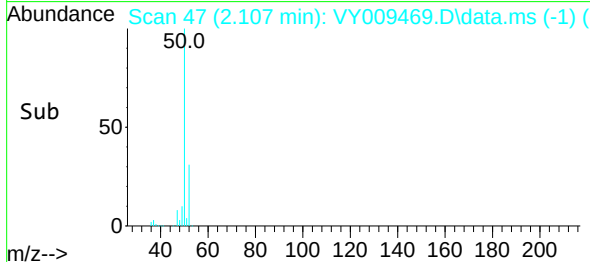
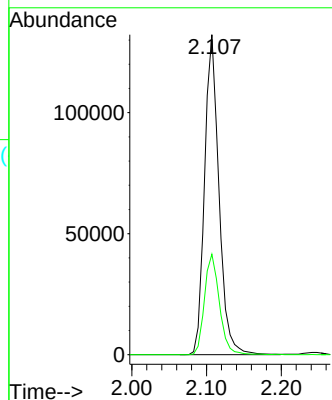
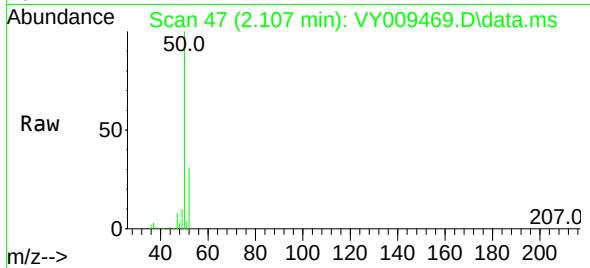




#3  
Chloromethane  
Concen: 101.717 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

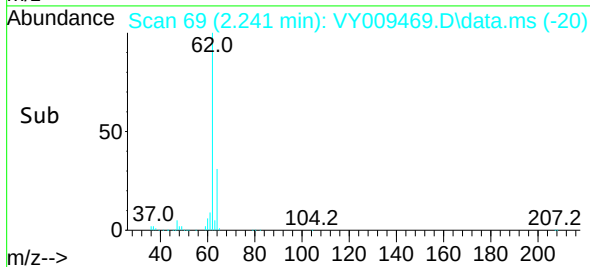
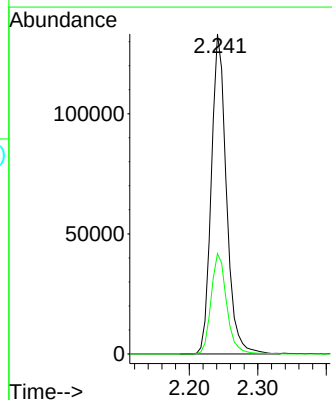
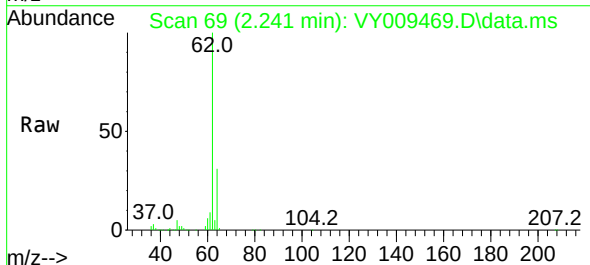
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC150

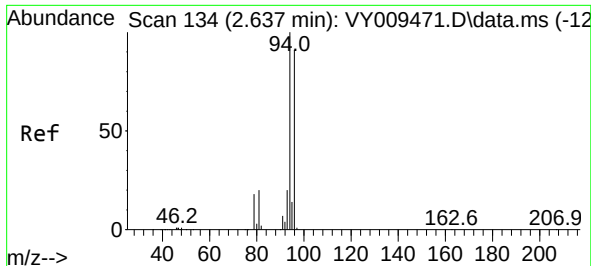
Tgt Ion: 50 Resp: 176744  
Ion Ratio Lower Upper  
50 100  
52 31.4 24.6 37.0



#4  
Vinyl Chloride  
Concen: 103.361 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 62 Resp: 204480  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.0 37.6

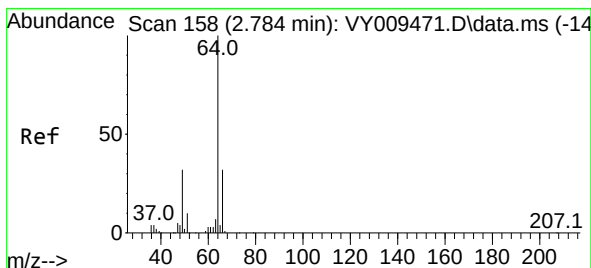
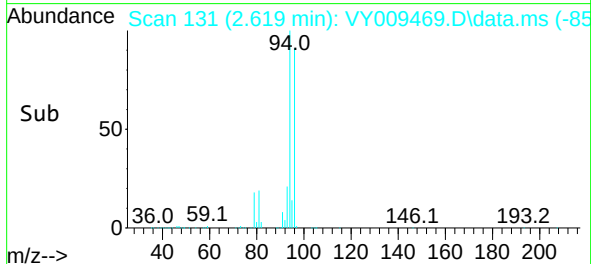
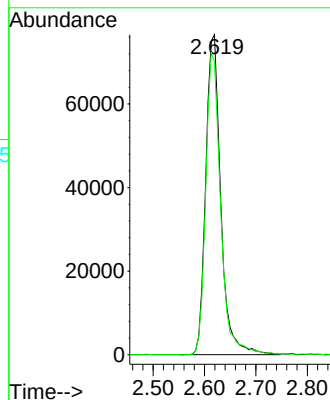
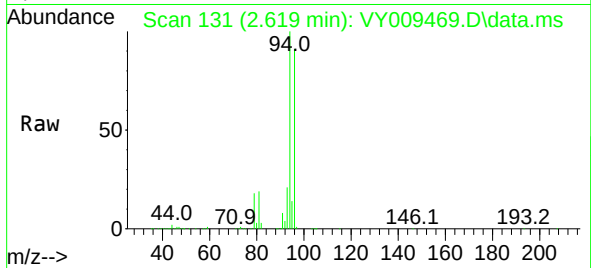




#5  
Bromomethane  
Concen: 109.308 ug/l  
RT: 2.619 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

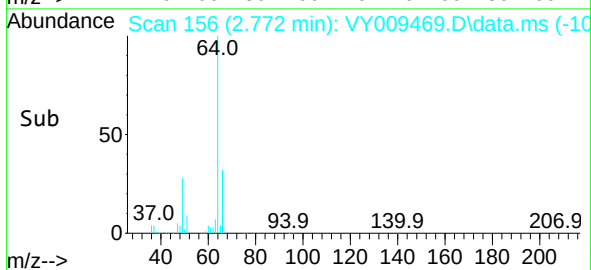
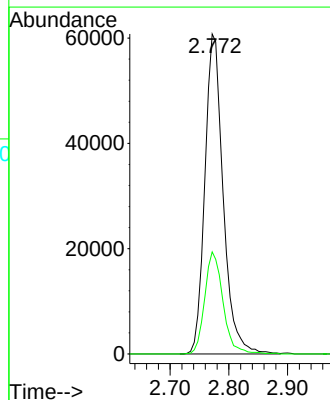
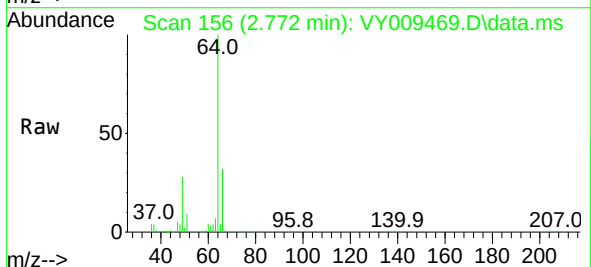
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

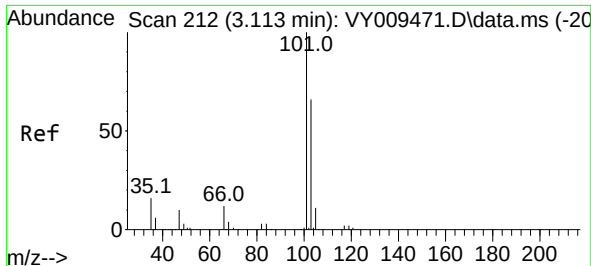
Tgt Ion: 94 Resp: 155357  
Ion Ratio Lower Upper  
94 100  
96 91.5 73.5 110.3



#6  
Chloroethane  
Concen: 113.843 ug/l  
RT: 2.772 min Scan# 156  
Delta R.T. -0.012 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 64 Resp: 131491  
Ion Ratio Lower Upper  
64 100  
66 31.9 25.4 38.0

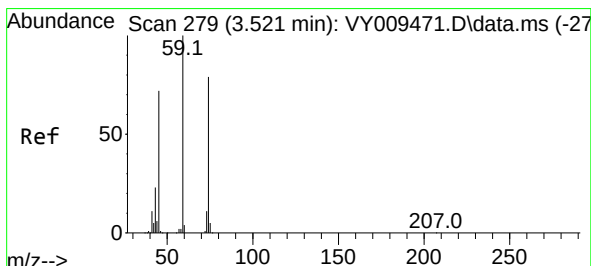
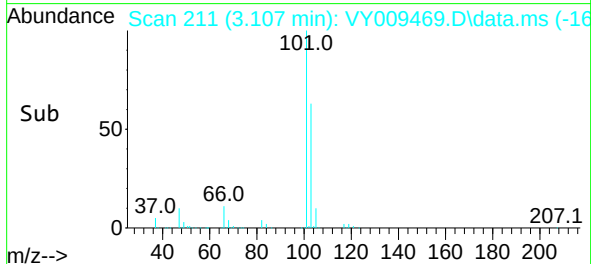
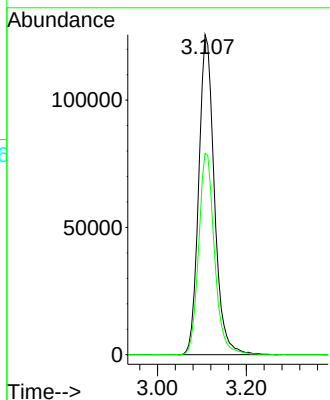
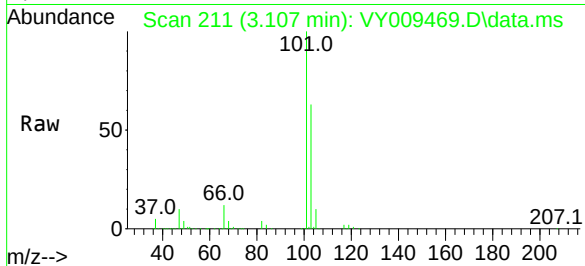




#7  
 Trichlorofluoromethane  
 Concen: 116.423 ug/l  
 RT: 3.107 min Scan# 212  
 Delta R.T. -0.006 min  
 Lab File: VY009469.D  
 Acq: 07 Jul 2022 13:24

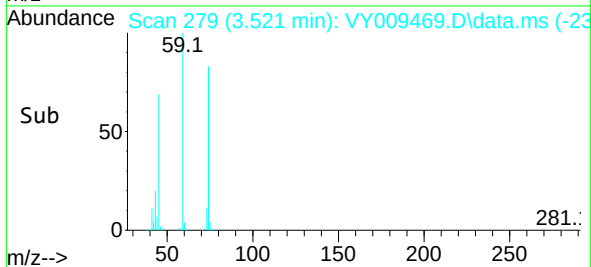
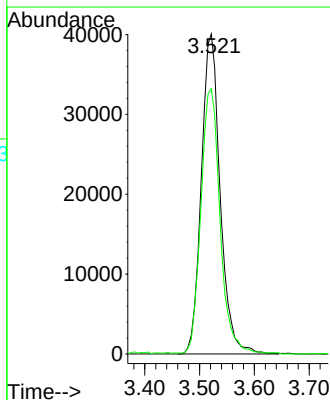
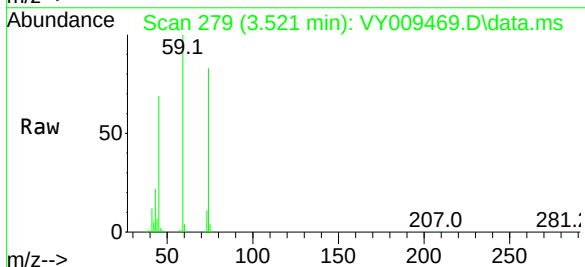
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC150

Tgt Ion:101 Resp: 307507  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 48.0 72.0

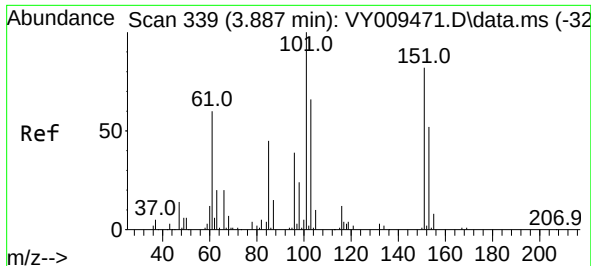


#8  
 Diethyl Ether  
 Concen: 94.459 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VY009469.D  
 Acq: 07 Jul 2022 13:24

Tgt Ion: 74 Resp: 95452  
 Ion Ratio Lower Upper  
 74 100  
 45 83.6 55.1 165.5



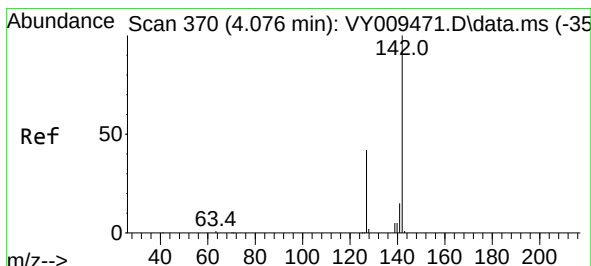
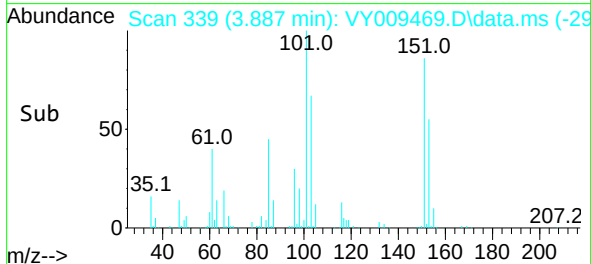
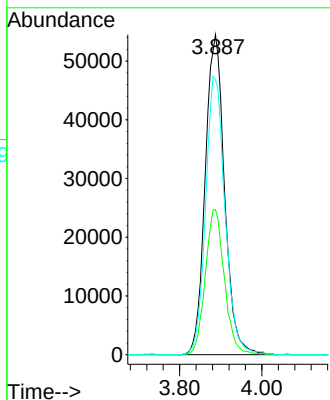
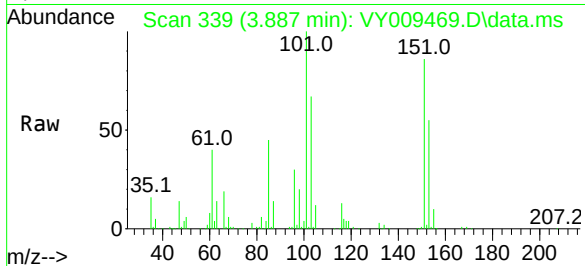




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 99.449 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

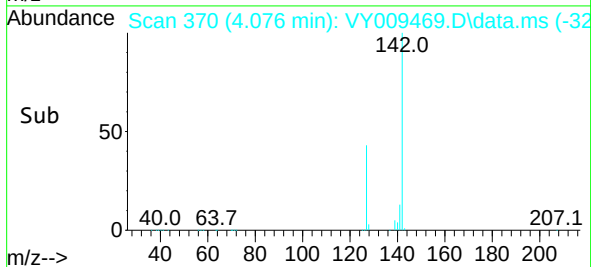
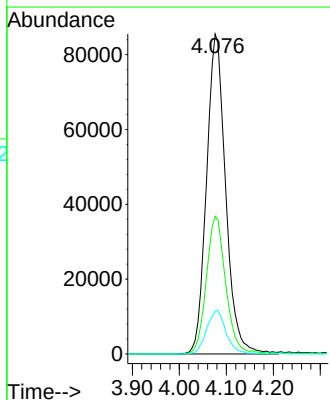
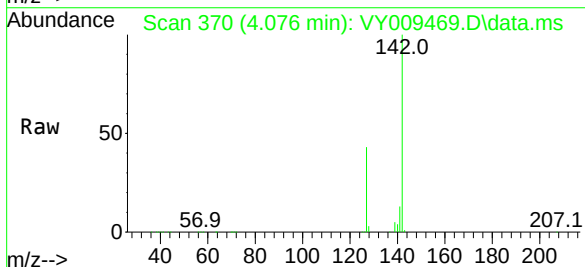
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

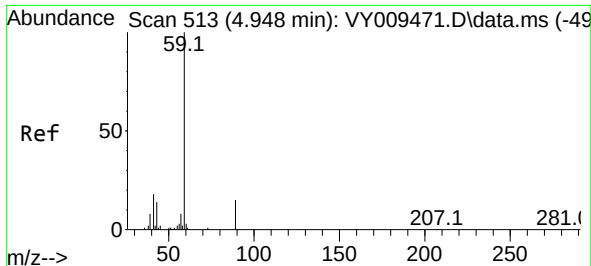
Tgt Ion:101 Resp: 177971  
Ion Ratio Lower Upper  
101 100  
85 44.8 40.6 60.8  
151 87.0 64.9 97.3



#10  
Methyl Iodide  
Concen: 113.820 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion:142 Resp: 241684  
Ion Ratio Lower Upper  
142 100  
127 43.5 41.5 62.3  
141 13.8 11.9 17.9

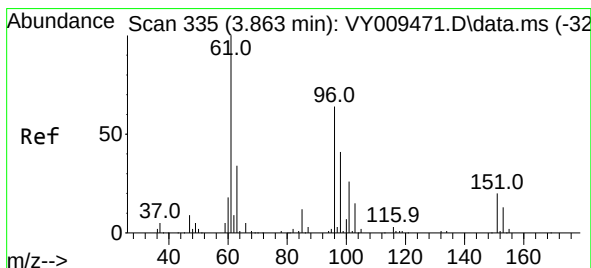
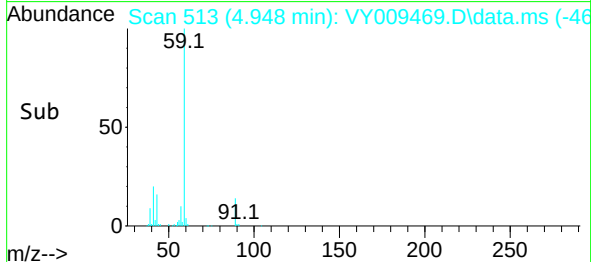
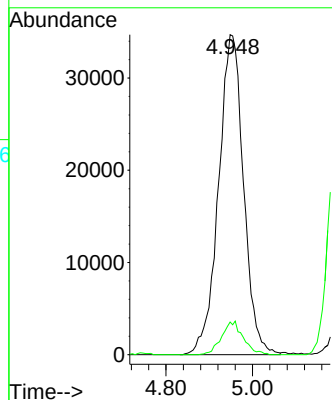
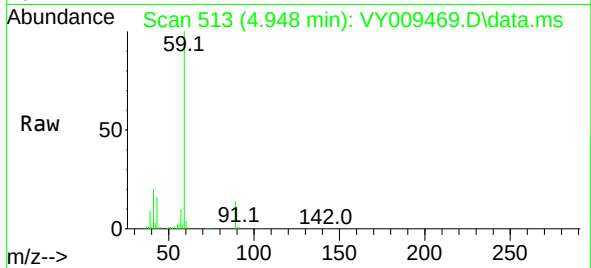




#11  
Tert butyl alcohol  
Concen: 446.333 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

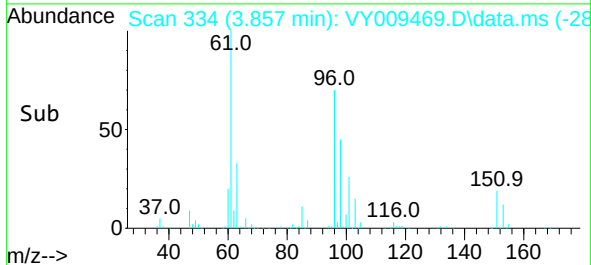
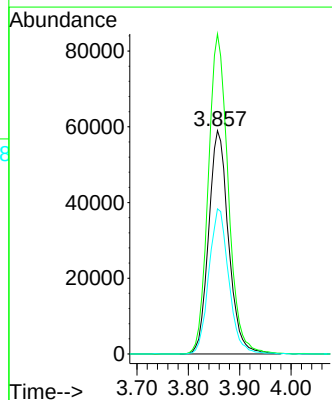
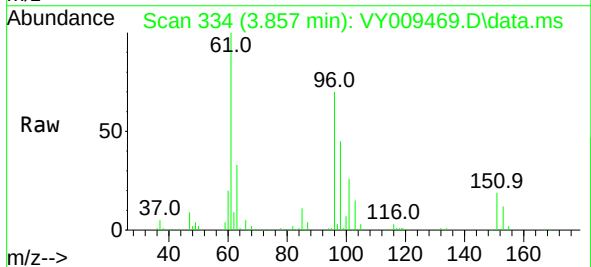
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

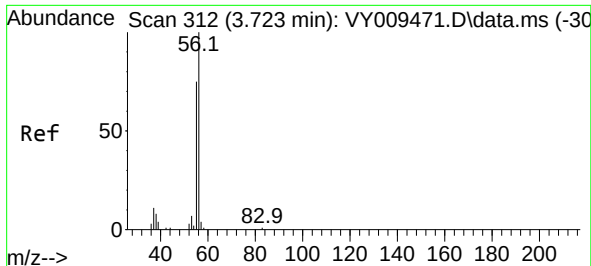
Tgt Ion: 59 Resp: 139438  
Ion Ratio Lower Upper  
59 100  
57 9.0 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 95.380 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 96 Resp: 158317  
Ion Ratio Lower Upper  
96 100  
61 143.3 145.8 218.6#  
98 65.0 52.5 78.7





#13

Acrolein

Concen: 623.942 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

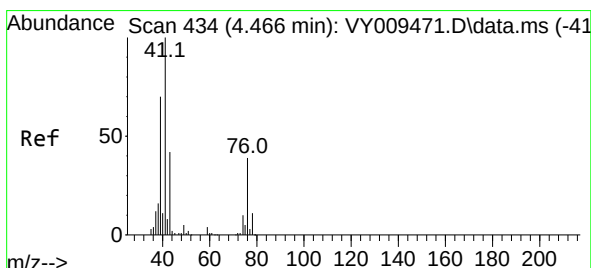
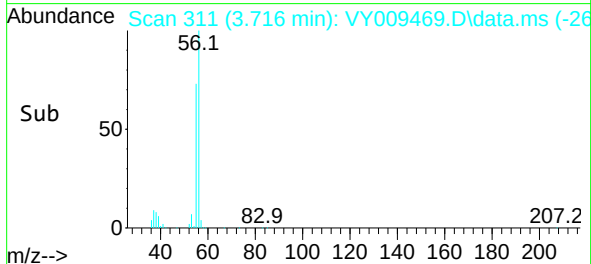
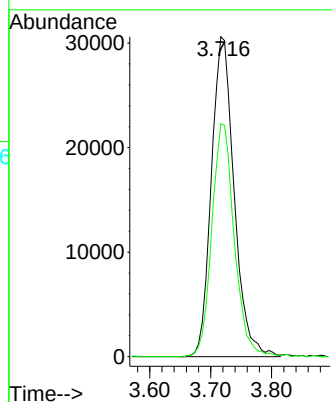
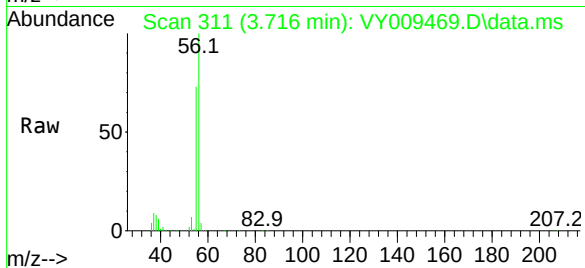
VSTDICC150

Tgt Ion: 56 Resp: 79490

Ion Ratio Lower Upper

56 100

55 71.6 57.6 86.4



#14

Allyl chloride

Concen: 82.369 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

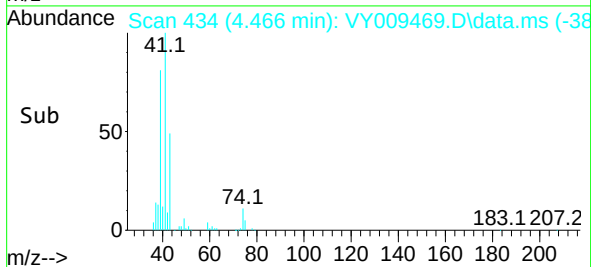
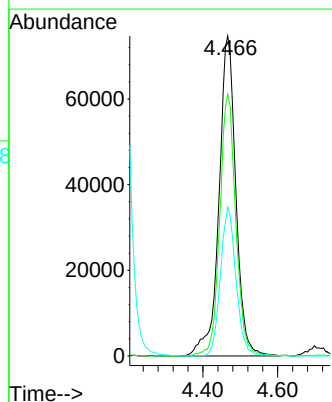
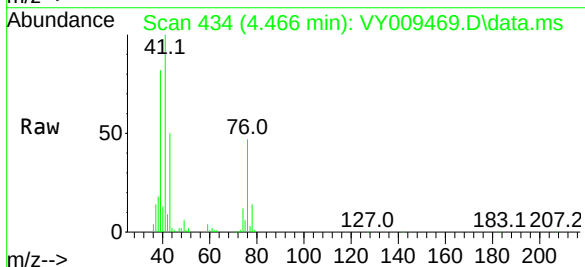
Tgt Ion: 41 Resp: 235234

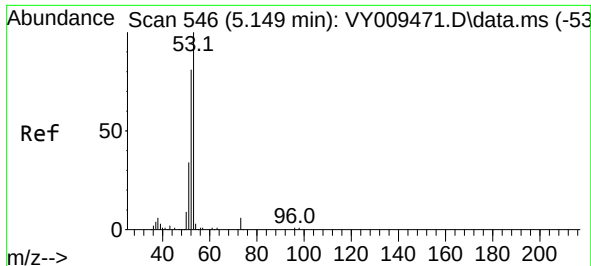
Ion Ratio Lower Upper

41 100

39 77.6 58.8 88.2

76 42.7 25.1 37.7#





#15

Acrylonitrile

Concen: 700.723 ug/l

RT: 5.149 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

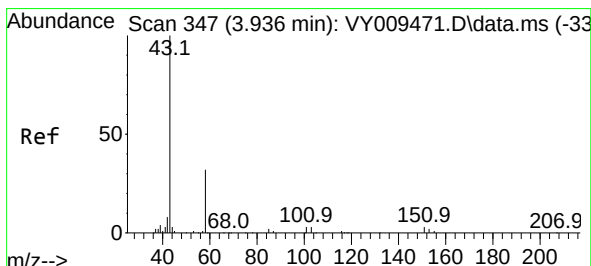
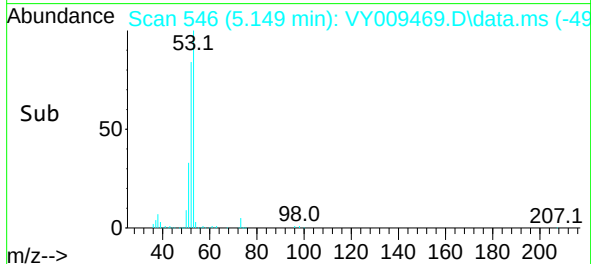
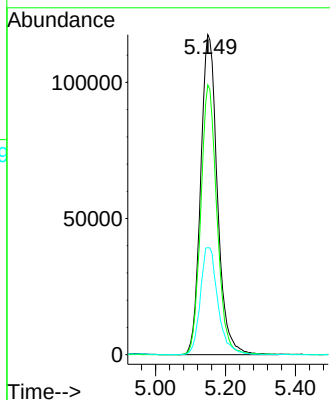
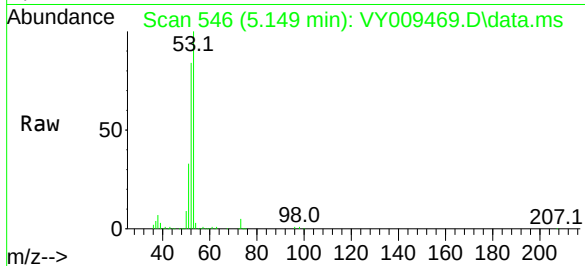
Tgt Ion: 53 Resp: 389621

Ion Ratio Lower Upper

53 100

52 81.4 67.0 100.4

51 35.3 29.8 44.6



#16

Acetone

Concen: 381.880 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY009469.D

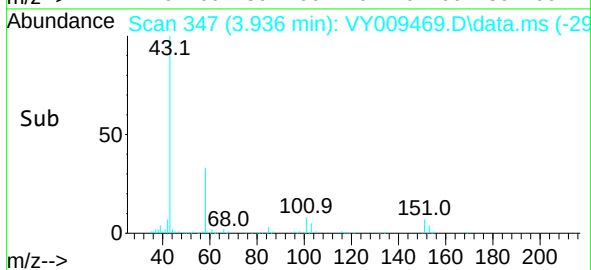
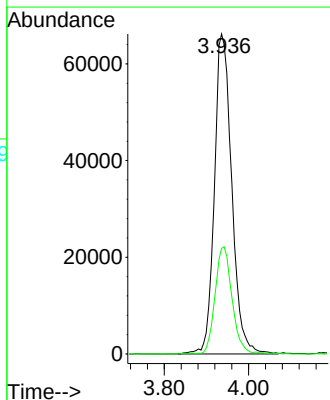
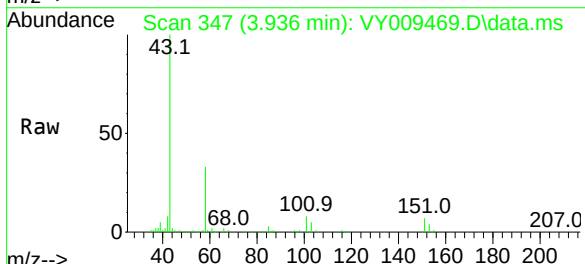
Acq: 07 Jul 2022 13:24

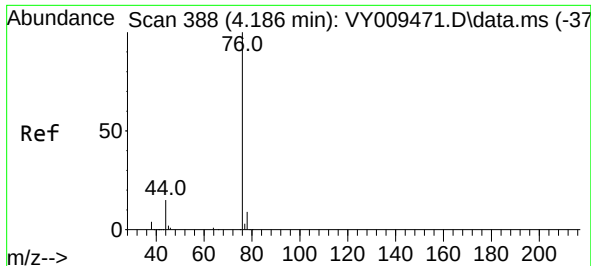
Tgt Ion: 43 Resp: 188491

Ion Ratio Lower Upper

43 100

58 33.0 22.0 33.0#

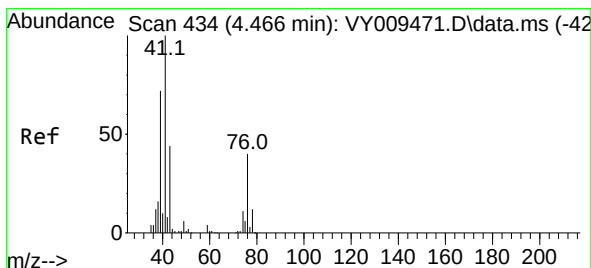
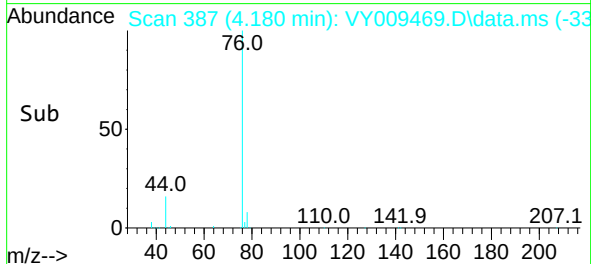
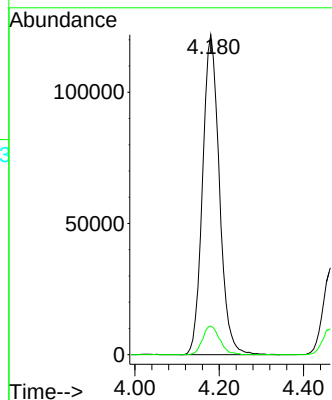
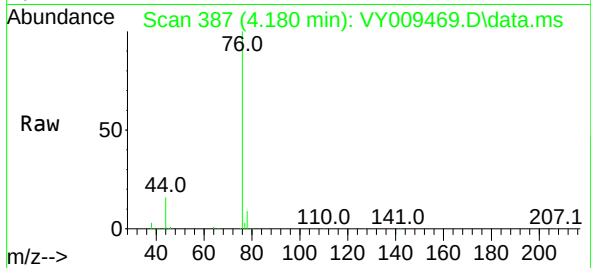




#17  
Carbon Disulfide  
Concen: 72.368 ug/l  
RT: 4.180 min Scan# 387  
Delta R.T. -0.006 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

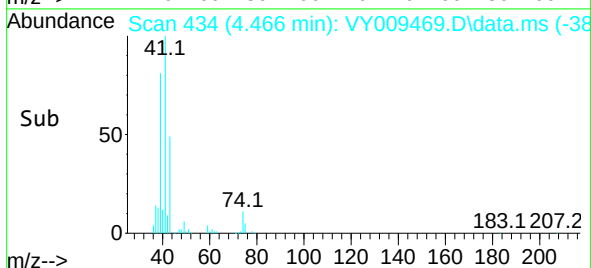
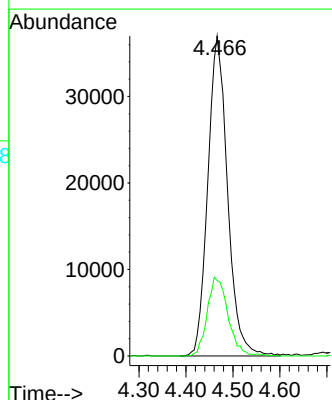
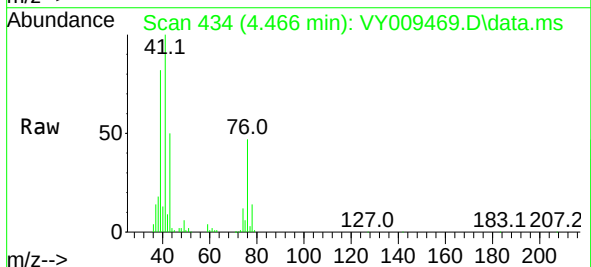
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

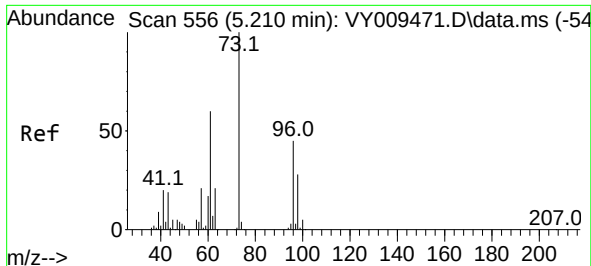
Tgt Ion: 76 Resp: 338084  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0



#18  
Methyl Acetate  
Concen: 74.459 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 43 Resp: 107908  
Ion Ratio Lower Upper  
43 100  
74 25.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 145.730 ug/l

RT: 5.210 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

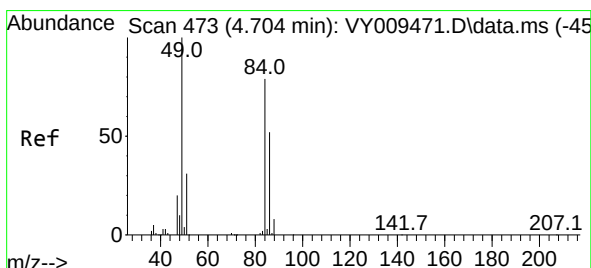
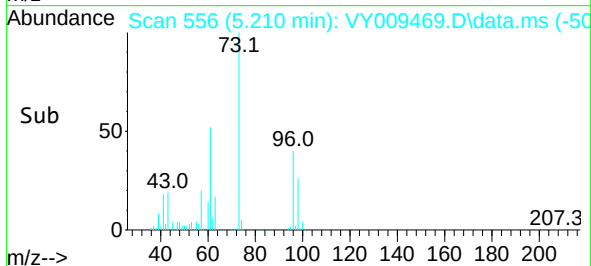
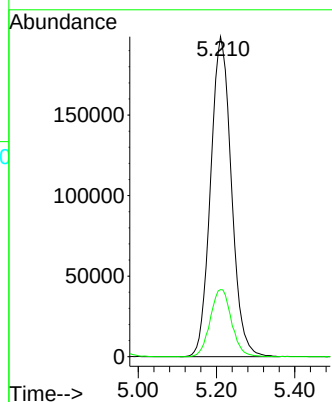
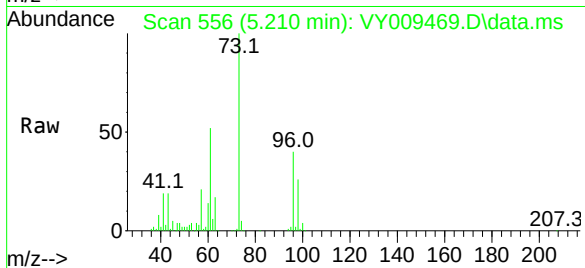
VSTDIC150

Tgt Ion: 73 Resp: 732116

Ion Ratio Lower Upper

73 100

57 20.9 18.6 27.8



#20

Methylene Chloride

Concen: 65.347 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Tgt Ion: 84 Resp: 181560

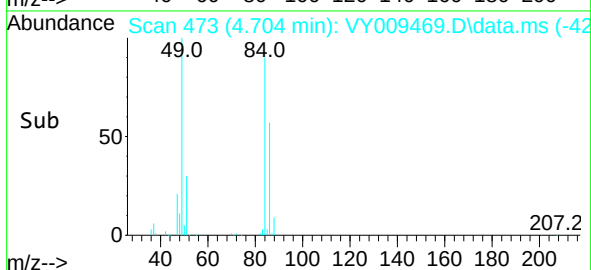
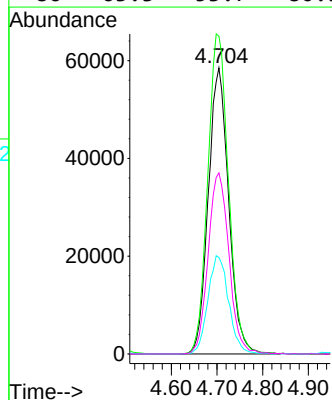
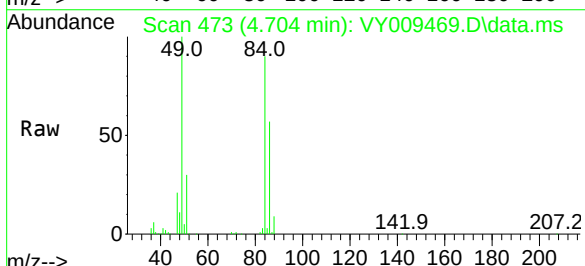
Ion Ratio Lower Upper

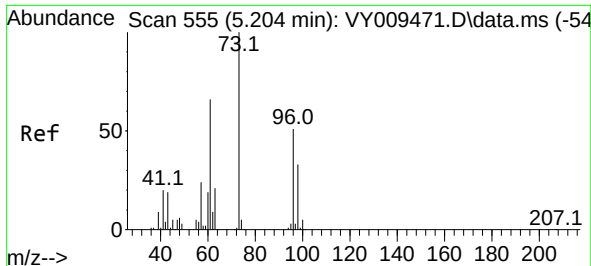
84 100

49 111.1 114.4 171.6#

51 33.8 35.3 52.9#

86 63.3 53.7 80.5

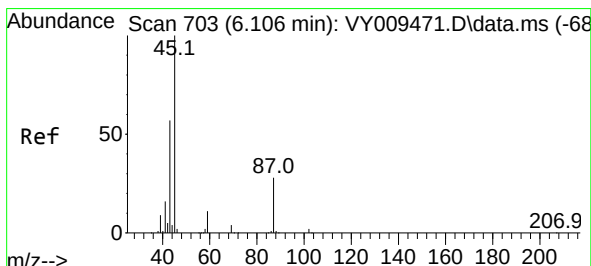
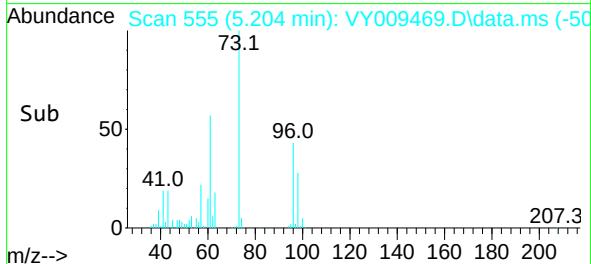
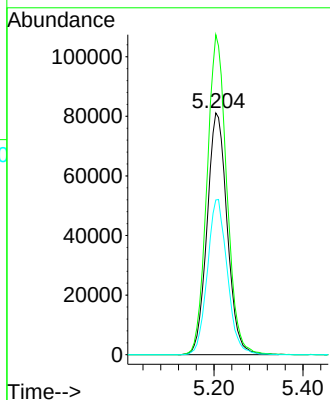
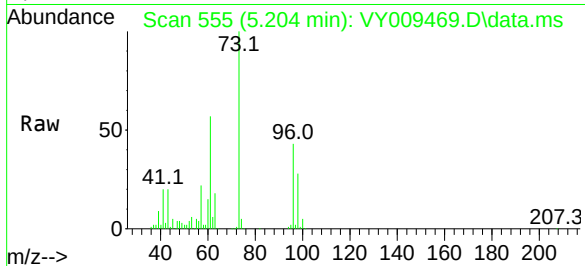




#21  
trans-1,2-Dichloroethene  
Concen: 131.136 ug/l  
RT: 5.204 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

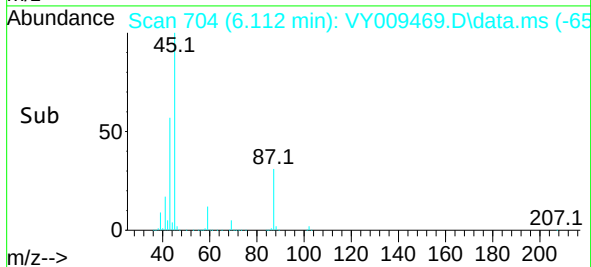
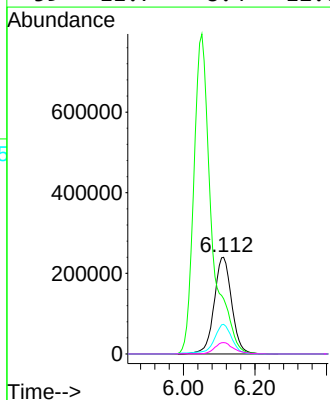
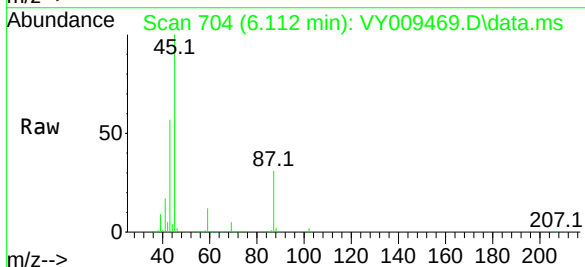
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

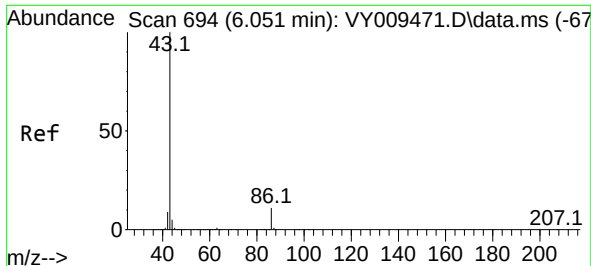
Tgt Ion: 96 Resp: 255041  
Ion Ratio Lower Upper  
96 100  
61 132.4 120.5 180.7  
98 64.0 49.8 74.8



#22  
Diisopropyl ether  
Concen: 134.546 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 45 Resp: 816892  
Ion Ratio Lower Upper  
45 100  
43 56.9 49.3 73.9  
87 30.6 19.2 28.8#  
59 11.7 8.4 12.6

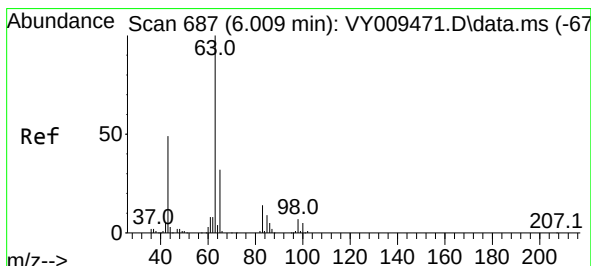
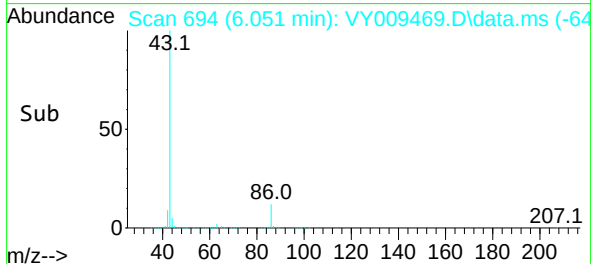
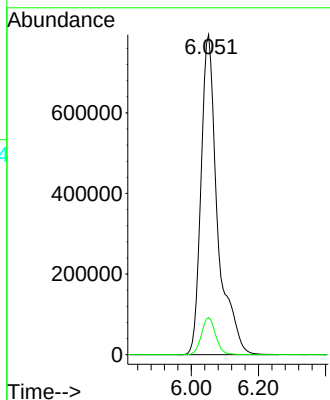
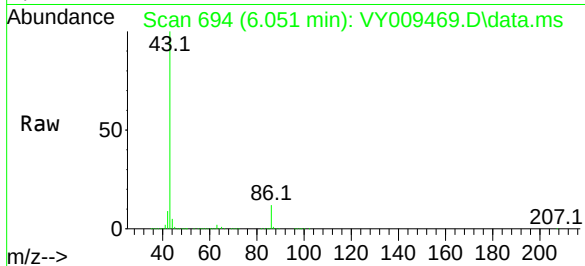




#23  
 Vinyl Acetate  
 Concen: 699.146 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY009469.D  
 Acq: 07 Jul 2022 13:24

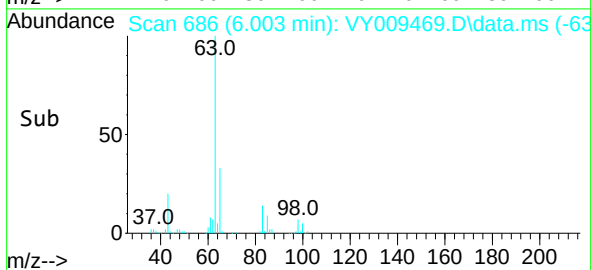
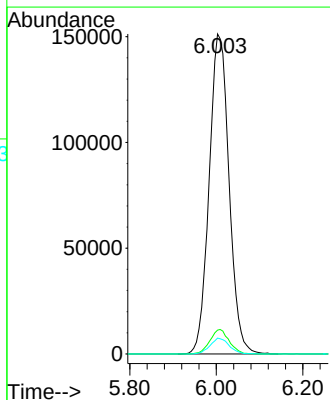
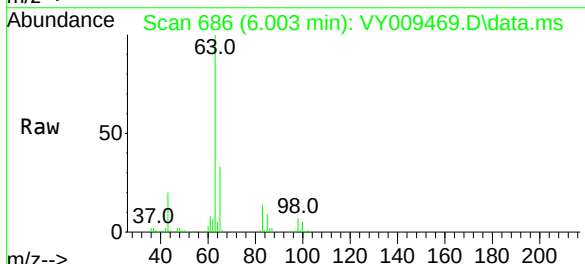
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC150

Tgt Ion: 43 Resp: 2714099  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.1 10.7#

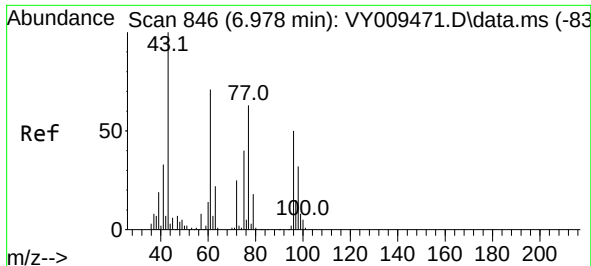


#24  
 1,1-Dichloroethane  
 Concen: 141.156 ug/l  
 RT: 6.003 min Scan# 686  
 Delta R.T. -0.006 min  
 Lab File: VY009469.D  
 Acq: 07 Jul 2022 13:24

Tgt Ion: 63 Resp: 483299  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.6 10.8  
 100 4.9 2.0 5.8



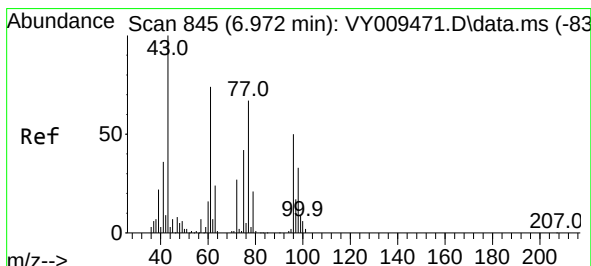
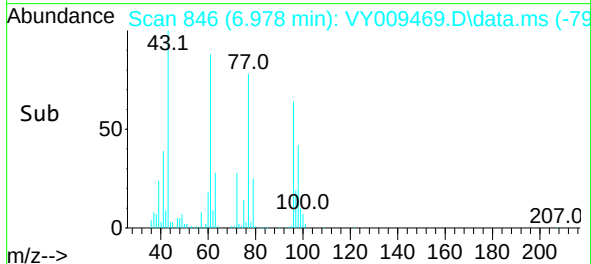
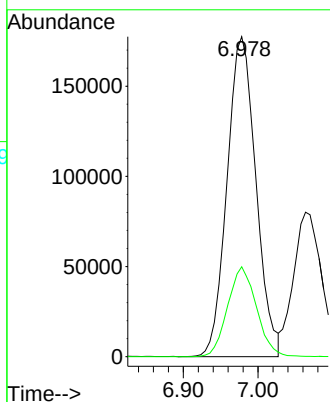
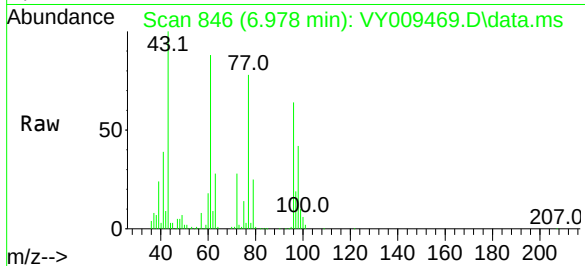




#25  
2-Butanone  
Concen: 597.749 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

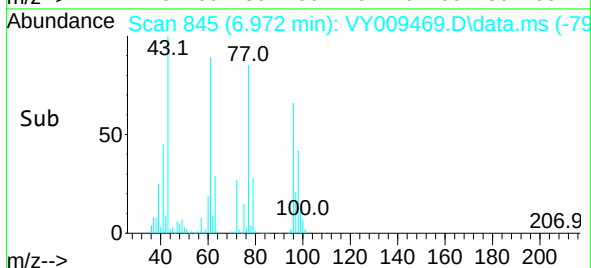
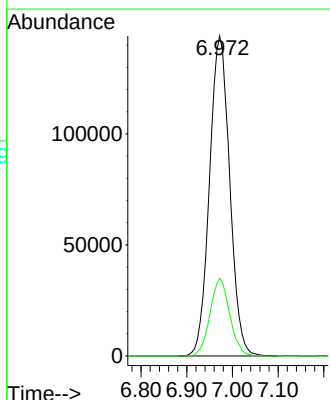
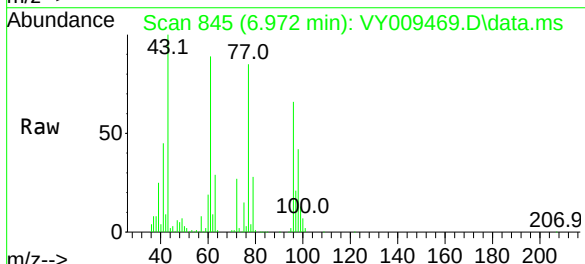
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

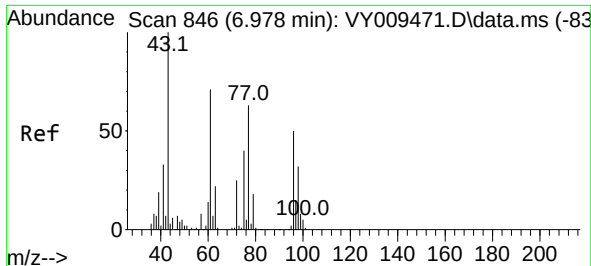
Tgt Ion: 43 Resp: 477283  
Ion Ratio Lower Upper  
43 100  
72 28.1 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 131.207 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 77 Resp: 442766  
Ion Ratio Lower Upper  
77 100  
97 23.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 137.047 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC150

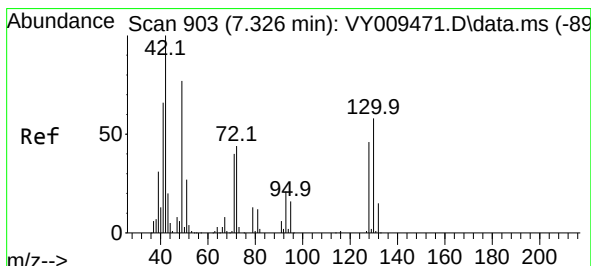
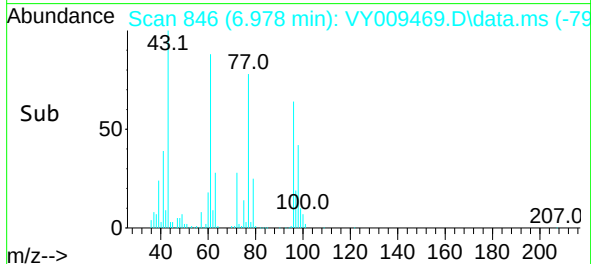
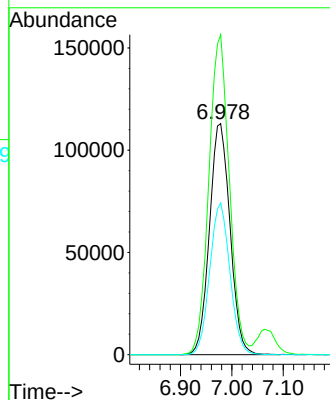
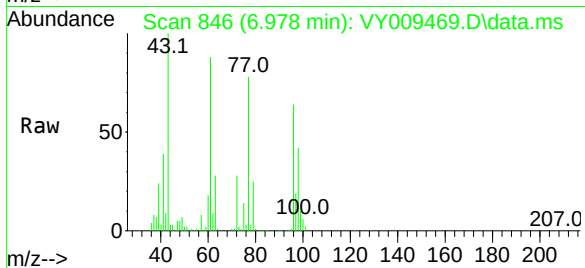
Tgt Ion: 96 Resp: 313793

Ion Ratio Lower Upper

96 100

61 137.4 0.0 319.8

98 64.4 0.0 127.0



#28

Bromochloromethane

Concen: 138.475 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

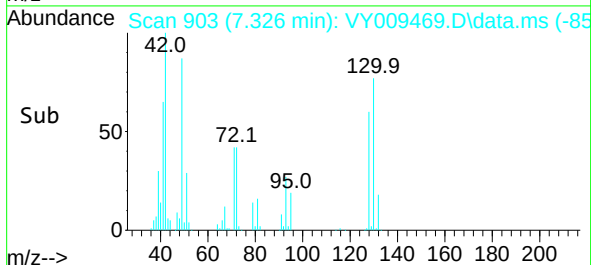
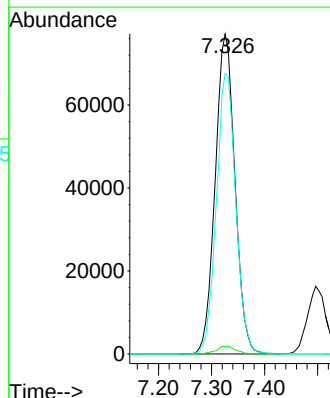
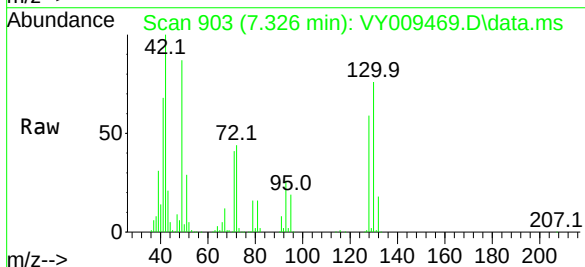
Tgt Ion: 49 Resp: 199274

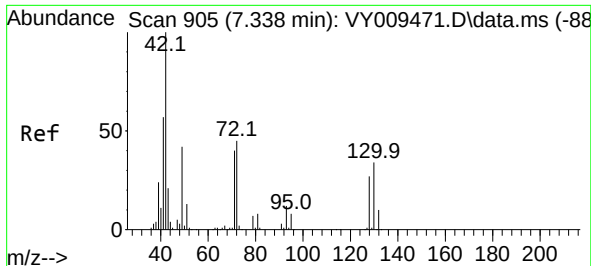
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 86.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 605.258 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

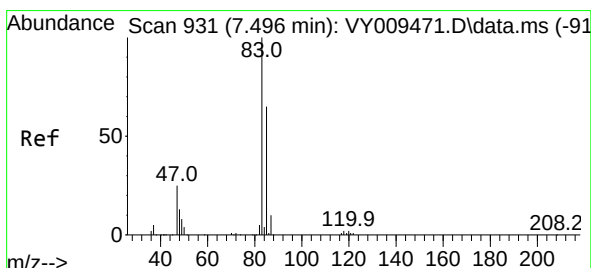
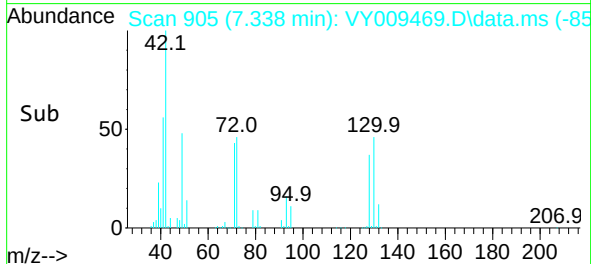
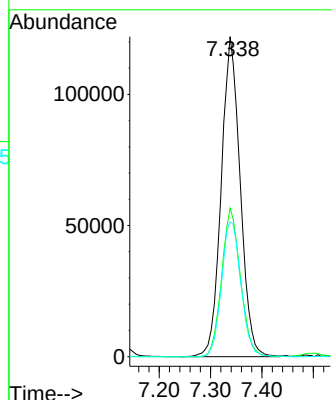
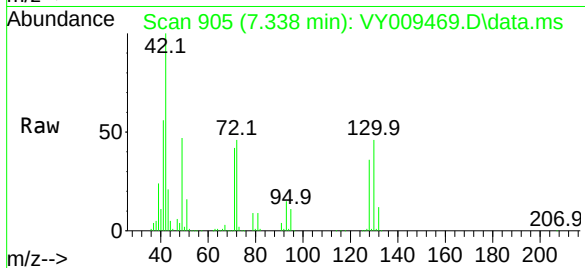
Tgt Ion: 42 Resp: 312583

Ion Ratio Lower Upper

42 100

72 45.8 30.3 45.5#

71 43.2 29.0 43.4



#30

Chloroform

Concen: 137.102 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009469.D

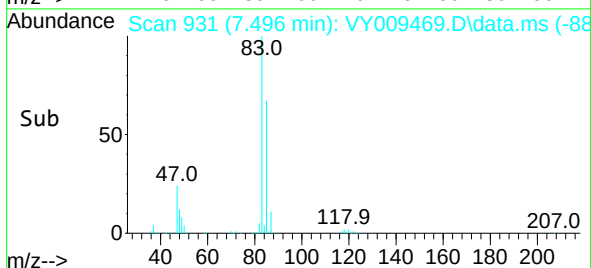
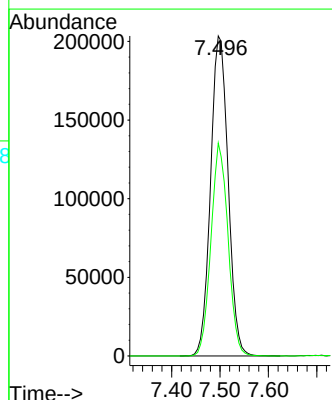
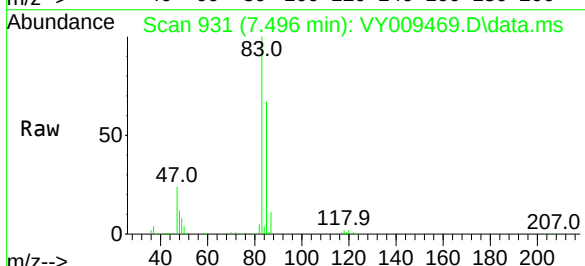
Acq: 07 Jul 2022 13:24

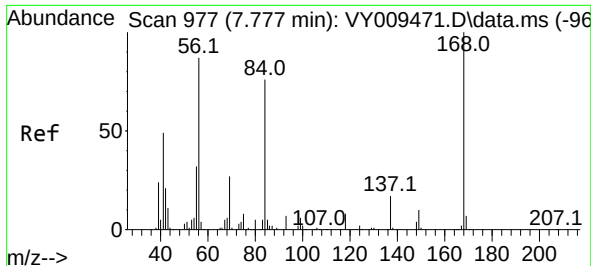
Tgt Ion: 83 Resp: 513753

Ion Ratio Lower Upper

83 100

85 66.6 51.8 77.6

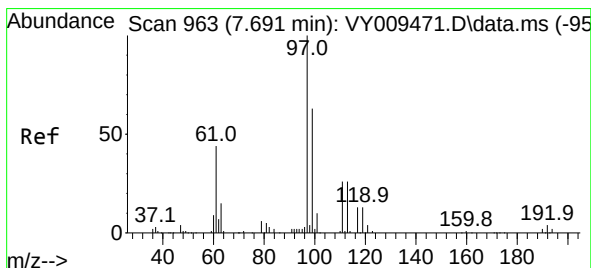
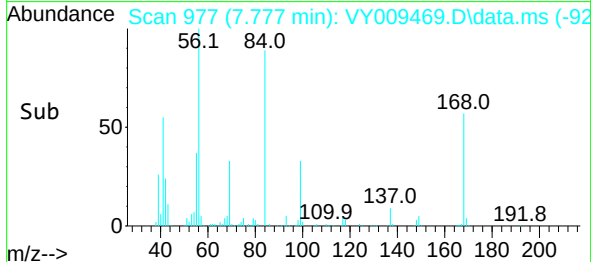
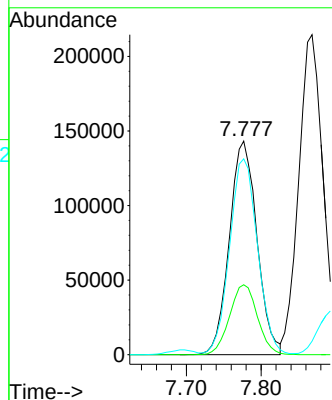
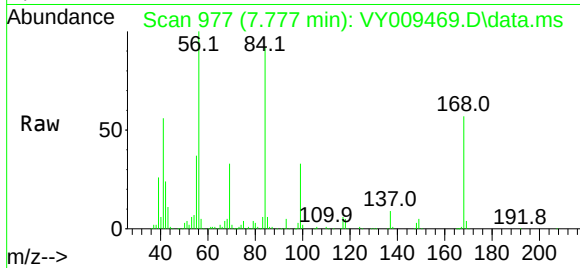




#31  
Cyclohexane  
Concen: 110.642 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

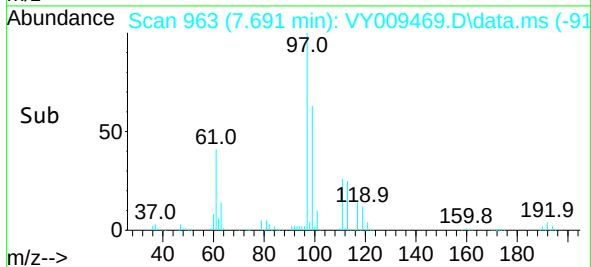
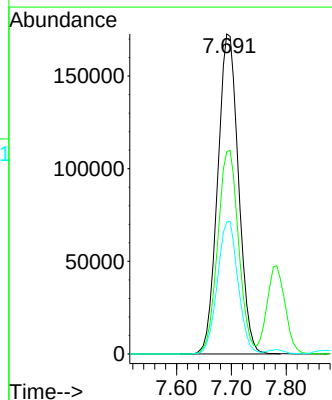
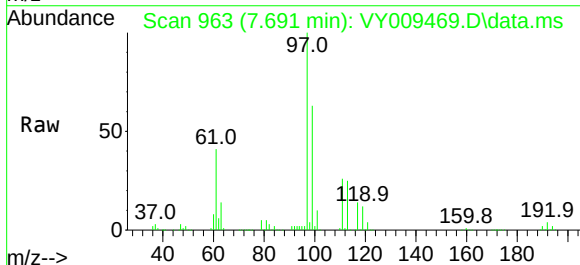
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

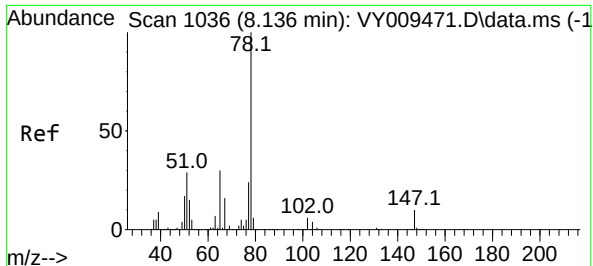
Tgt Ion: 56 Resp: 368308  
Ion Ratio Lower Upper  
56 100  
69 32.7 26.7 40.1  
84 89.4 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 137.845 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 97 Resp: 455406  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.7 76.1  
61 41.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 109.627 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

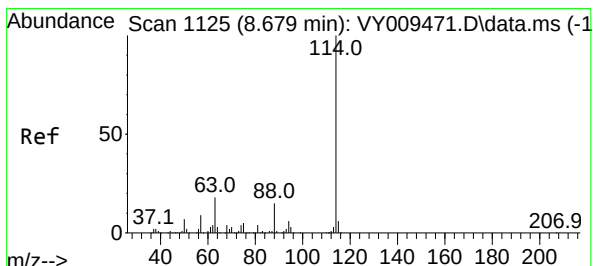
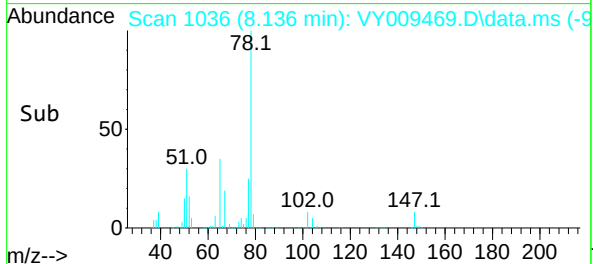
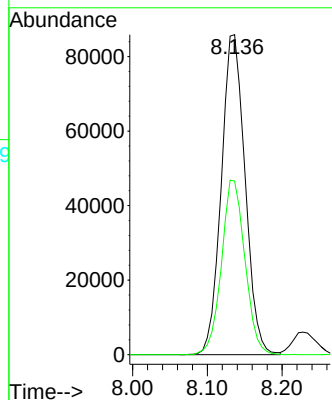
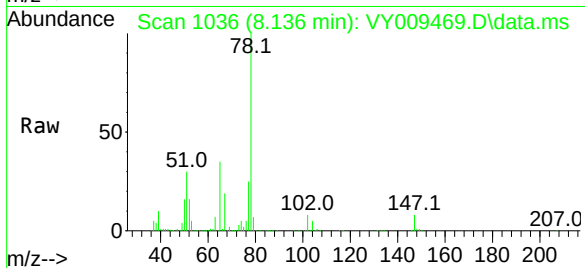
VSTDIC150

Tgt Ion: 65 Resp: 190144

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

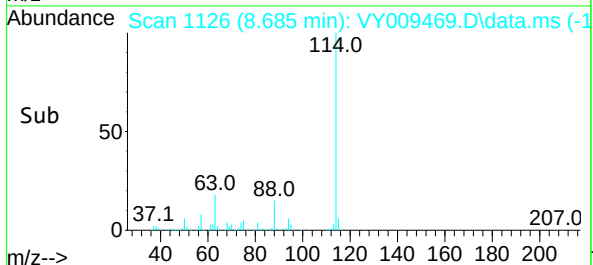
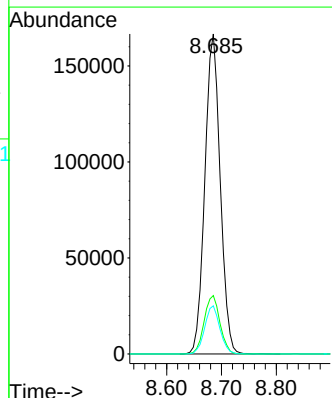
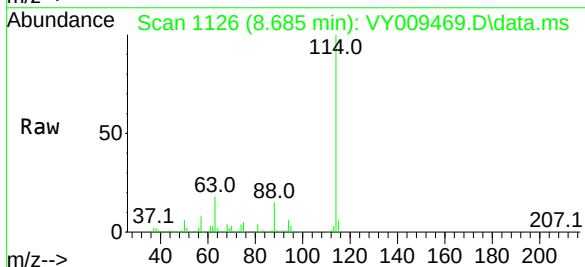
Tgt Ion: 114 Resp: 323093

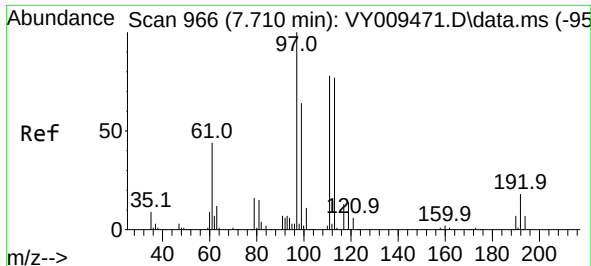
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.1 0.0 31.8

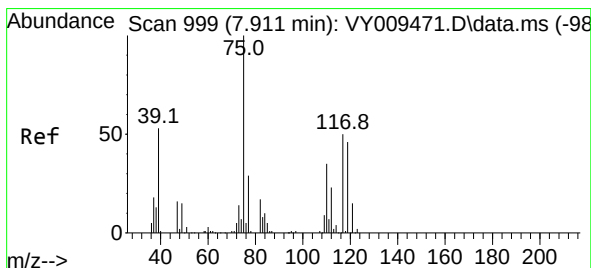
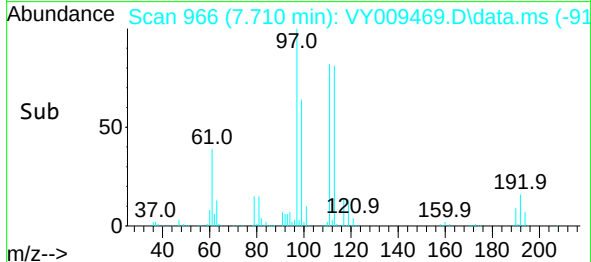
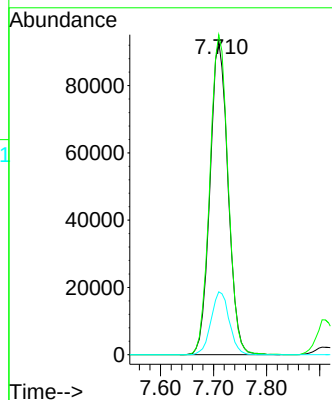
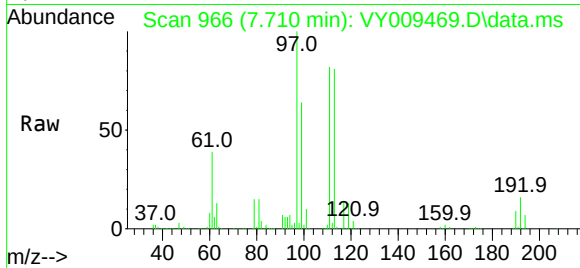




#35  
 Dibromofluoromethane  
 Concen: 129.522 ug/l  
 RT: 7.710 min Scan# 966  
 Delta R.T. 0.000 min  
 Lab File: VY009469.D  
 Acq: 07 Jul 2022 13:24

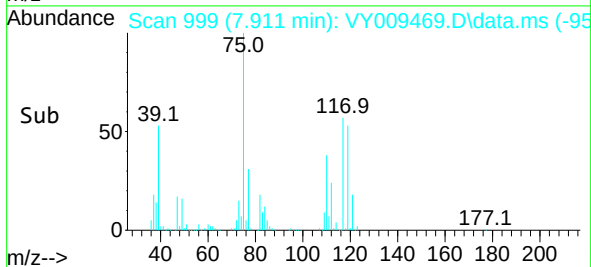
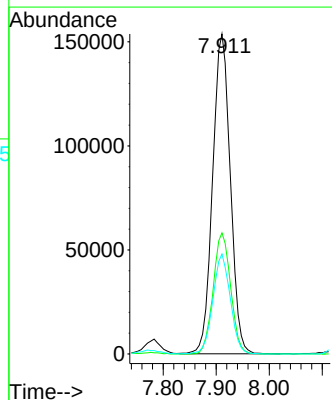
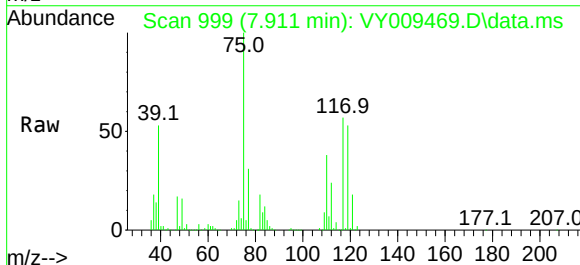
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC150

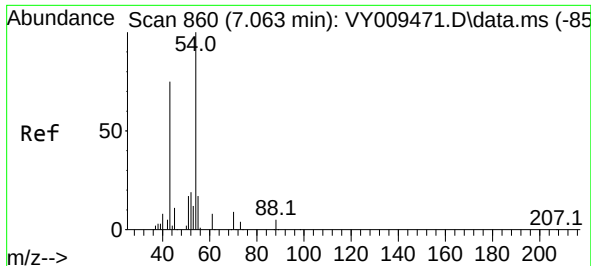
Tgt Ion:113 Resp: 220190  
 Ion Ratio Lower Upper  
 113 100  
 111 103.3 82.6 124.0  
 192 20.2 17.6 26.4



#36  
 1,1-Dichloropropene  
 Concen: 128.595 ug/l  
 RT: 7.911 min Scan# 999  
 Delta R.T. 0.000 min  
 Lab File: VY009469.D  
 Acq: 07 Jul 2022 13:24

Tgt Ion: 75 Resp: 355912  
 Ion Ratio Lower Upper  
 75 100  
 110 37.4 17.1 51.2  
 77 31.0 24.4 36.6

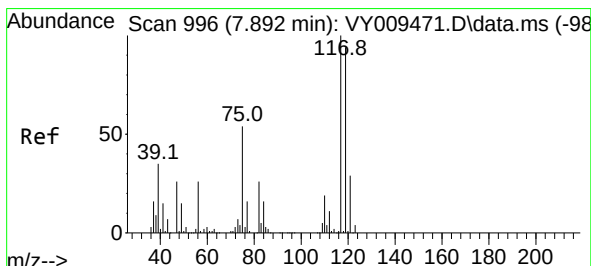
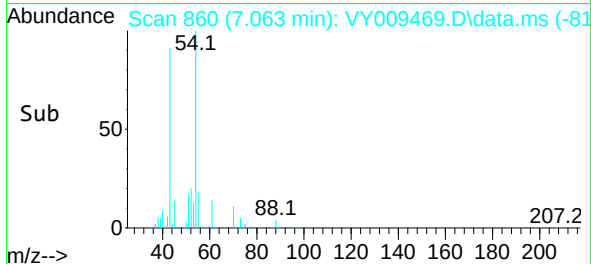
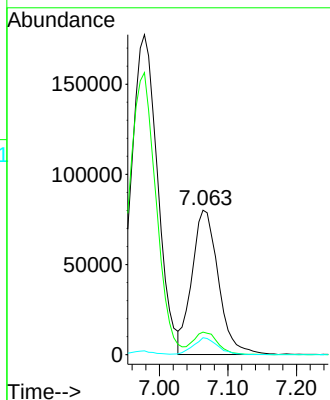
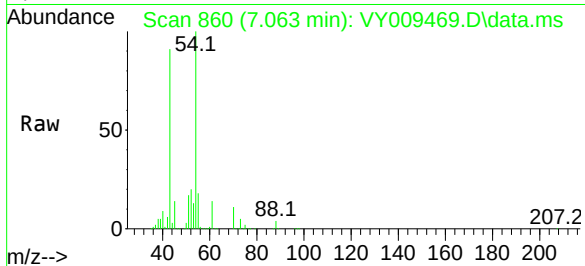




#37  
Ethyl Acetate  
Concen: 124.218 ug/l  
RT: 7.063 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

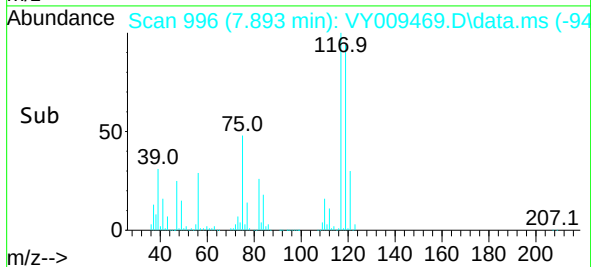
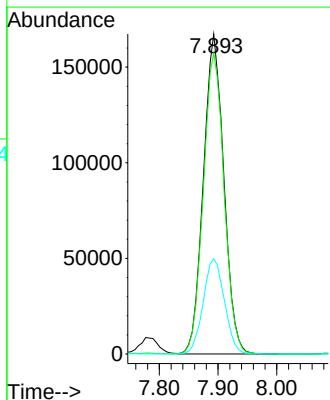
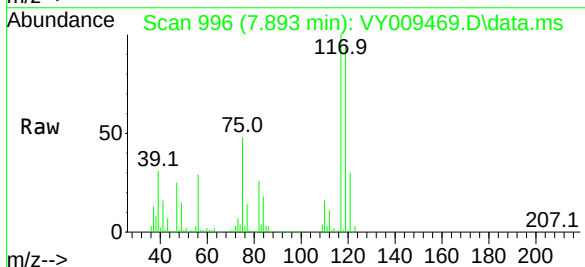
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

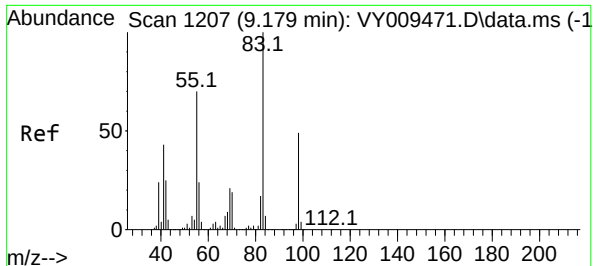
Tgt Ion: 43 Resp: 215503  
Ion Ratio Lower Upper  
43 100  
61 15.2 9.7 14.5#  
70 10.9 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 136.265 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 117 Resp: 403346  
Ion Ratio Lower Upper  
117 100  
119 94.0 77.9 116.9  
121 29.8 24.8 37.2





#39

Methylcyclohexane

Concen: 128.787 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

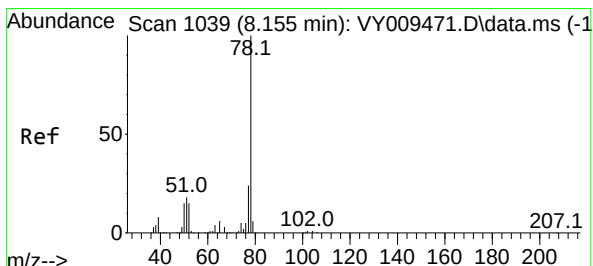
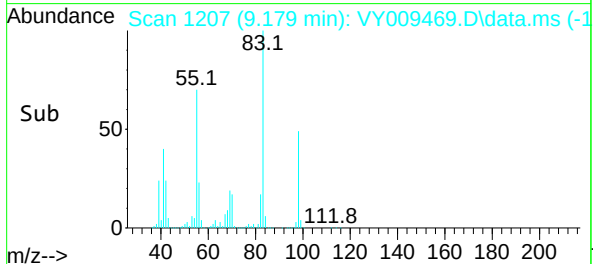
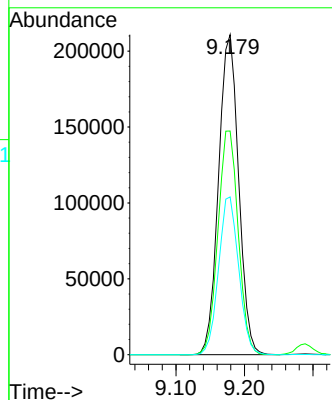
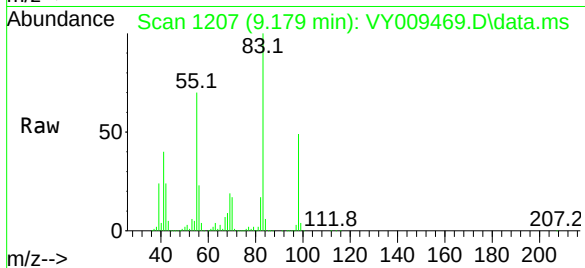
Tgt Ion: 83 Resp: 427859

Ion Ratio Lower Upper

83 100

55 69.9 66.5 99.7

98 49.3 37.9 56.9



#40

Benzene

Concen: 129.343 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009469.D

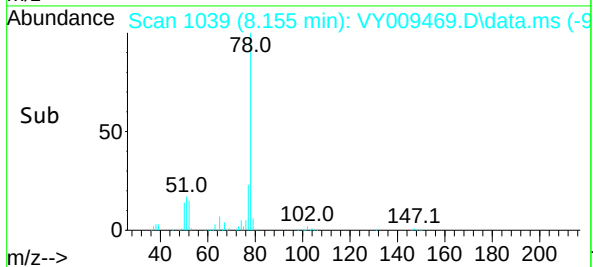
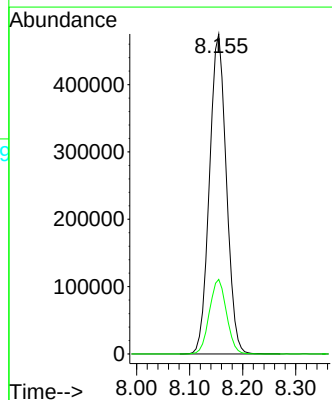
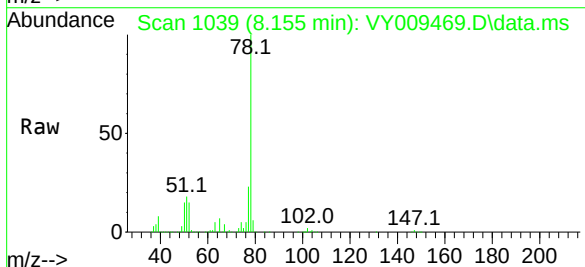
Acq: 07 Jul 2022 13:24

Tgt Ion: 78 Resp: 1051196

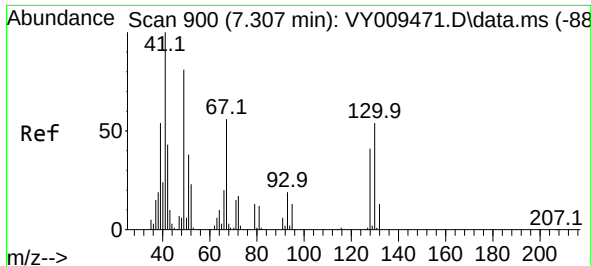
Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6



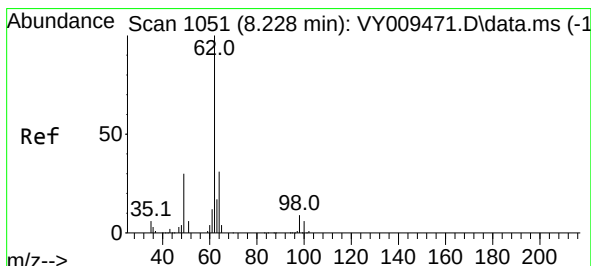
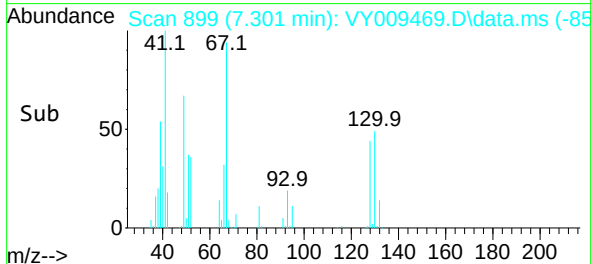
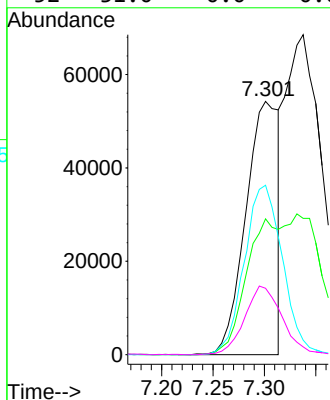
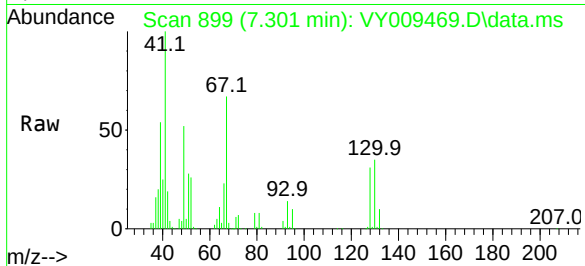




#41  
Methacrylonitrile  
Concen: 75.004 ug/l  
RT: 7.301 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

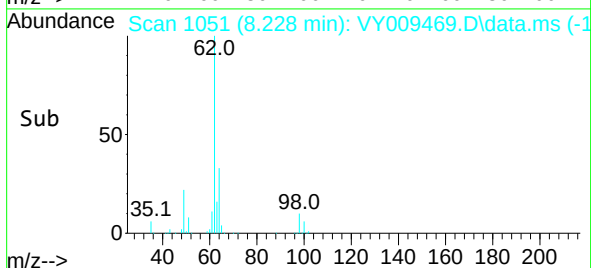
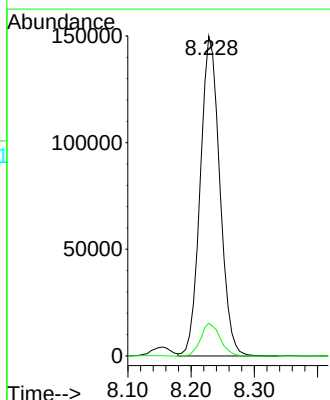
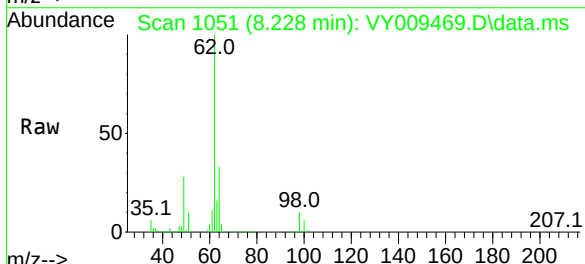
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

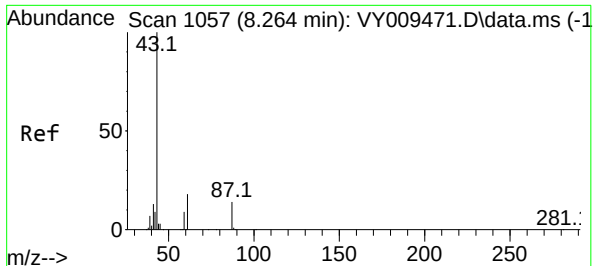
Tgt Ion: 41 Resp: 121010  
Ion Ratio Lower Upper  
41 100  
39 52.7 92.9 139.3#  
67 77.7 0.0 0.0#  
52 31.0 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 131.975 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 62 Resp: 322015  
Ion Ratio Lower Upper  
62 100  
98 10.2 0.0 14.8

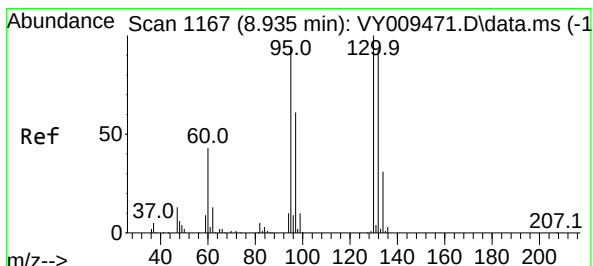
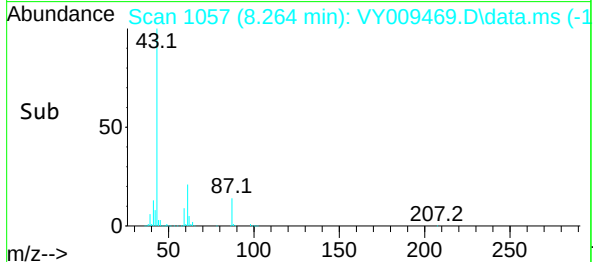
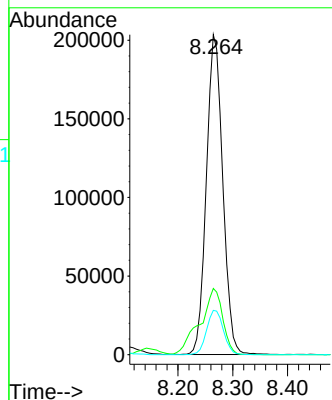
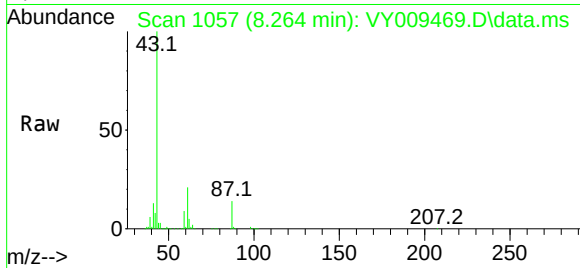




#43  
Isopropyl Acetate  
Concen: 130.192 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

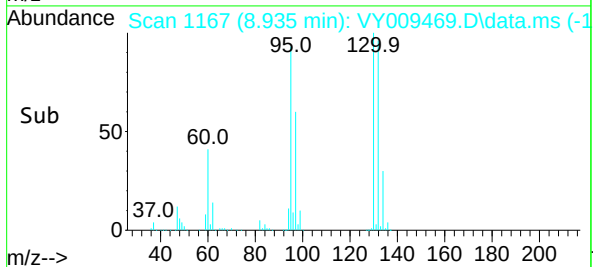
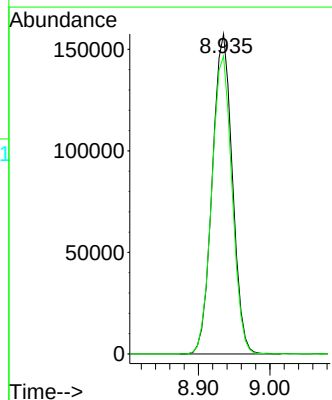
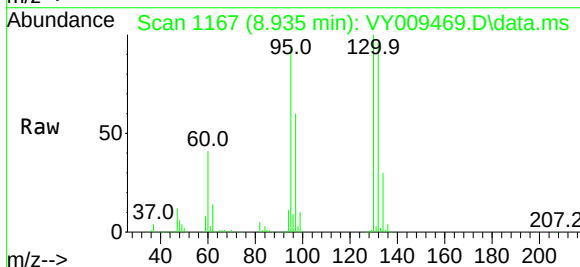
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

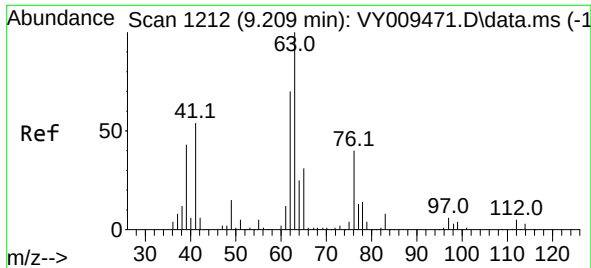
Tgt Ion: 43 Resp: 421436  
Ion Ratio Lower Upper  
43 100  
61 28.9 20.2 30.2  
87 14.2 8.9 13.3#



#44  
Trichloroethene  
Concen: 133.642 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion:130 Resp: 306830  
Ion Ratio Lower Upper  
130 100  
95 93.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 135.286 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

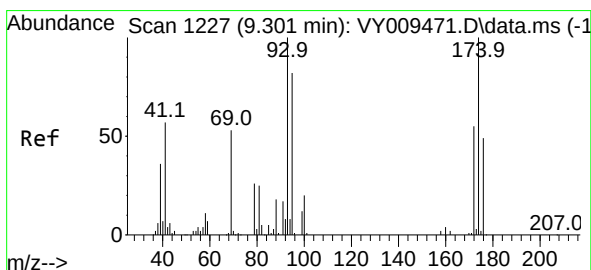
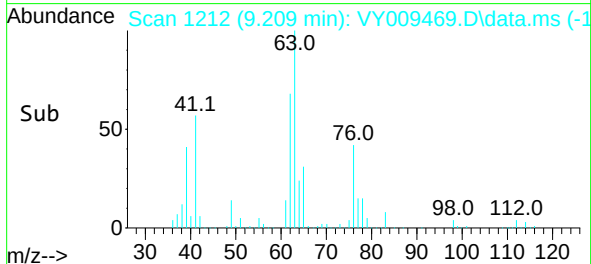
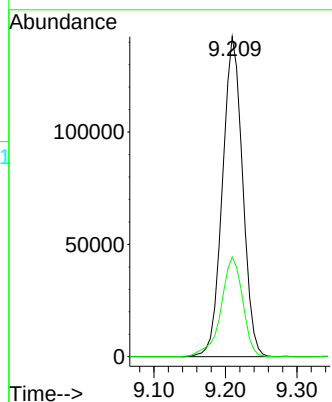
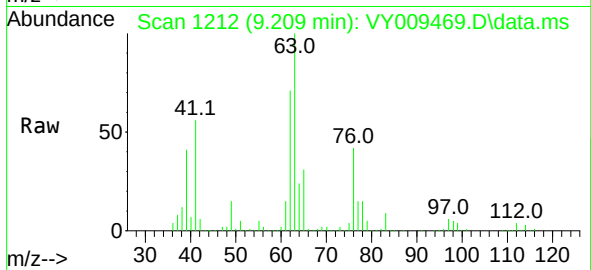
VSTDICC150

Tgt Ion: 63 Resp: 278254

Ion Ratio Lower Upper

63 100

65 31.2 23.0 34.6



#46

Dibromomethane

Concen: 134.400 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

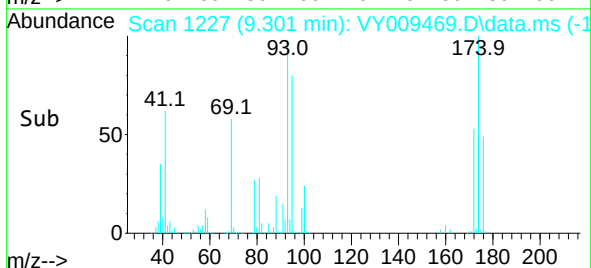
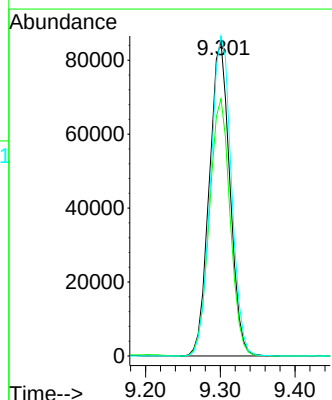
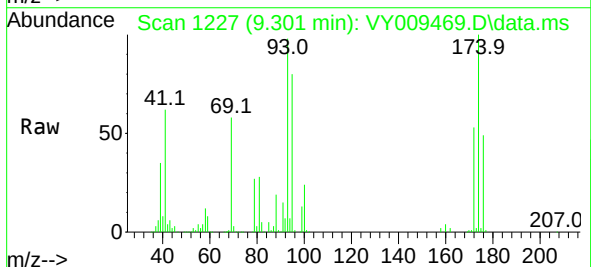
Tgt Ion: 93 Resp: 162243

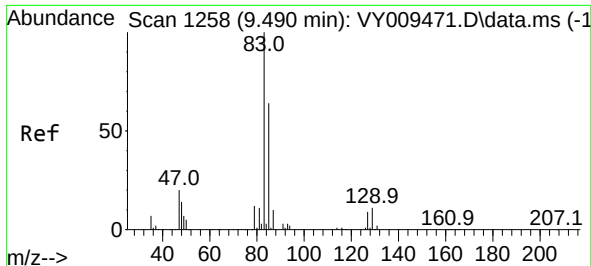
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 102.9 83.4 125.0

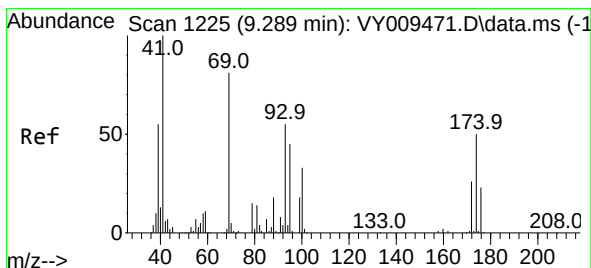
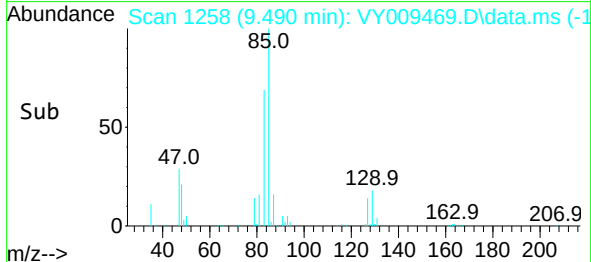
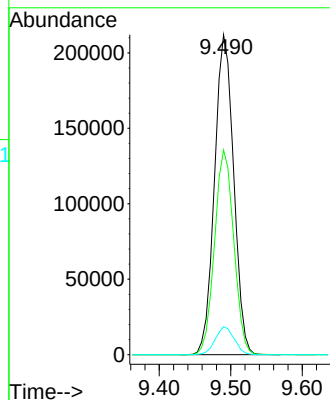
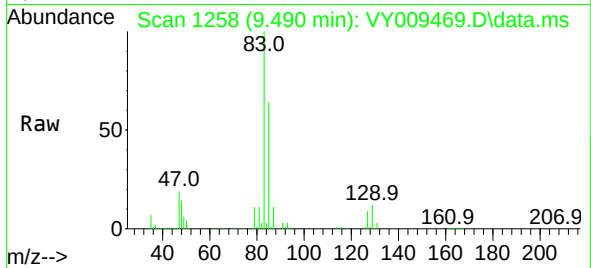




#47  
Bromodichloromethane  
Concen: 137.342 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

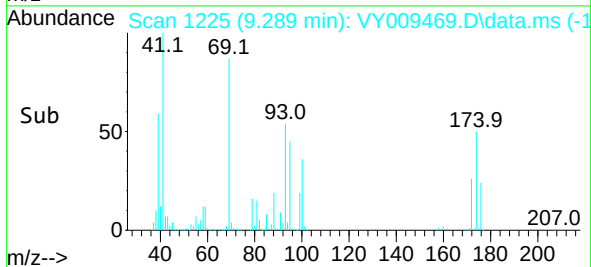
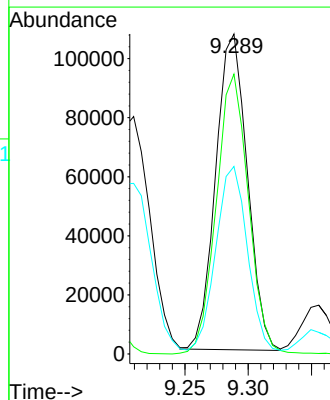
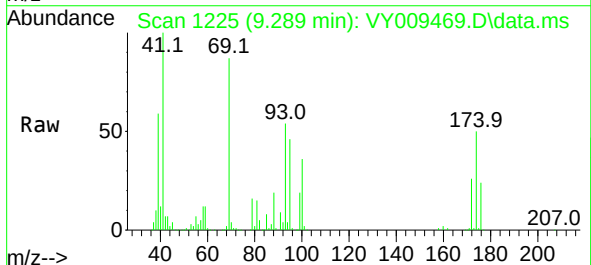
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

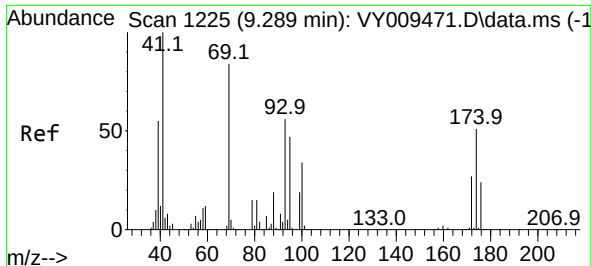
Tgt Ion: 83 Resp: 394621  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.9 77.9  
127 8.7 6.6 10.0



#48  
Methyl methacrylate  
Concen: 133.320 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 41 Resp: 185936  
Ion Ratio Lower Upper  
41 100  
69 90.1 58.2 87.2#  
39 60.3 47.4 71.0

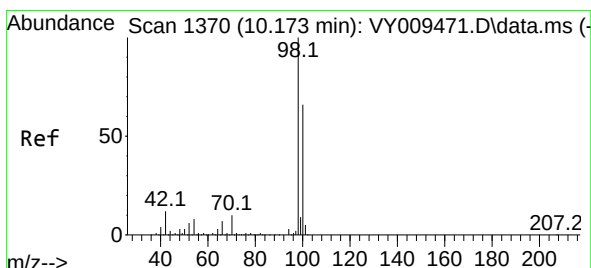
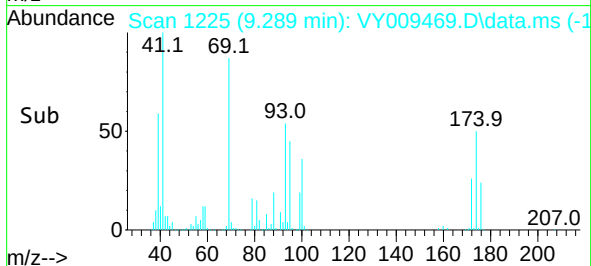
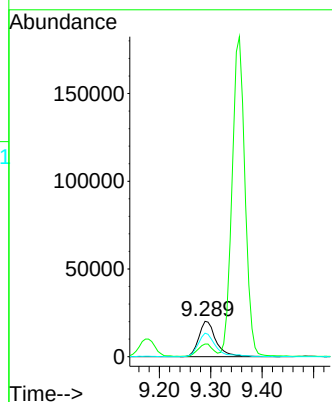
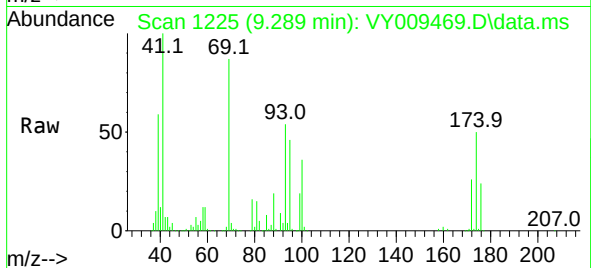




#49  
1,4-Dioxane  
Concen: 2638.161 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

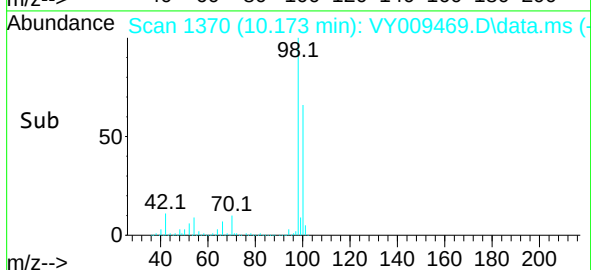
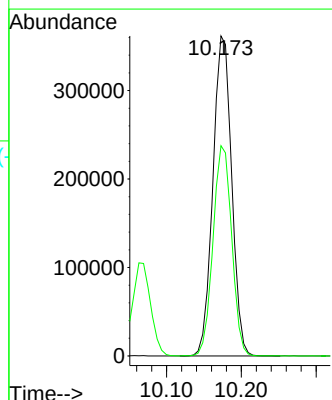
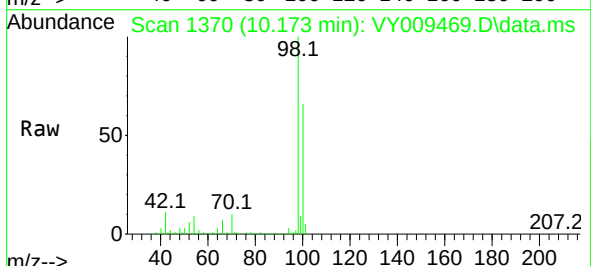
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

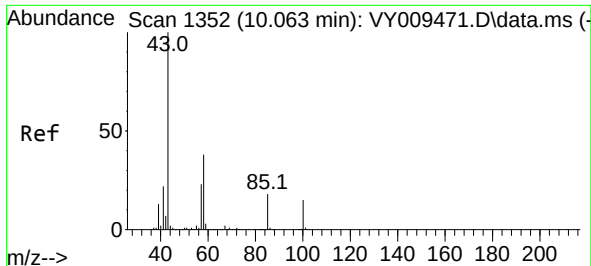
Tgt Ion: 88 Resp: 46900  
Ion Ratio Lower Upper  
88 100  
43 30.9 32.8 49.2#  
58 68.3 59.8 89.6



#50  
Toluene-d8  
Concen: 108.038 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 98 Resp: 630978  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.2 75.2

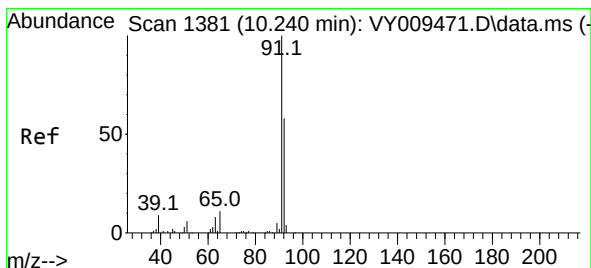
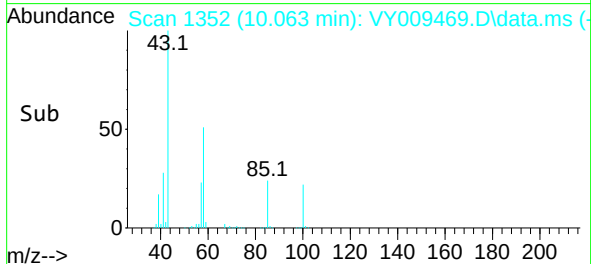
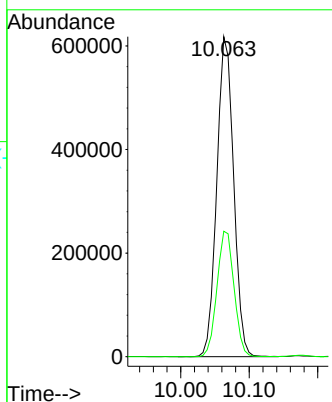
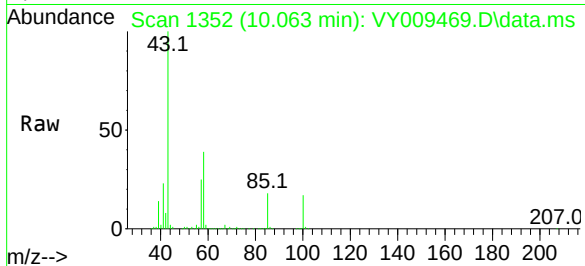




#51  
4-Methyl-2-Pentanone  
Concen: 616.324 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

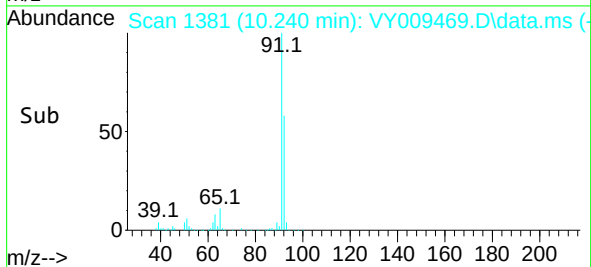
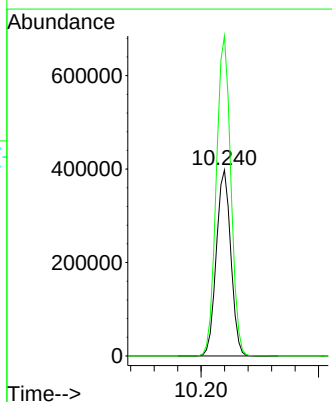
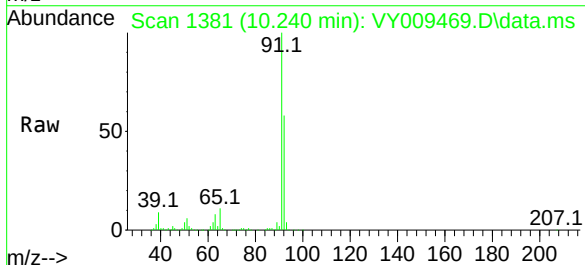
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

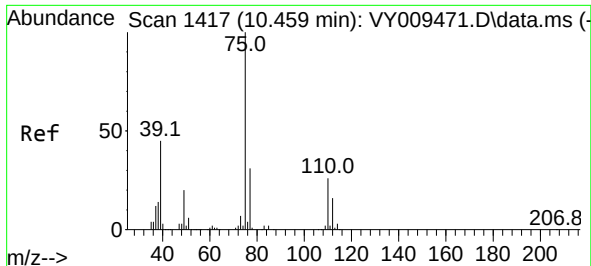
Tgt Ion: 43 Resp: 1049186  
Ion Ratio Lower Upper  
43 100  
58 39.8 28.1 42.1



#52  
Toluene  
Concen: 131.165 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 92 Resp: 679297  
Ion Ratio Lower Upper  
92 100  
91 172.4 142.6 213.8

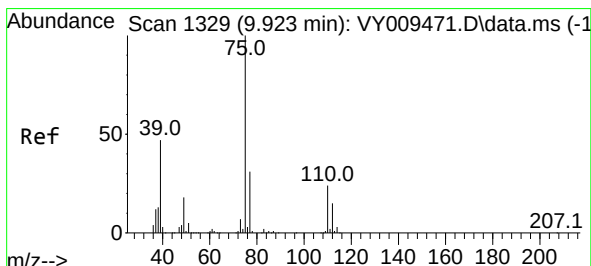
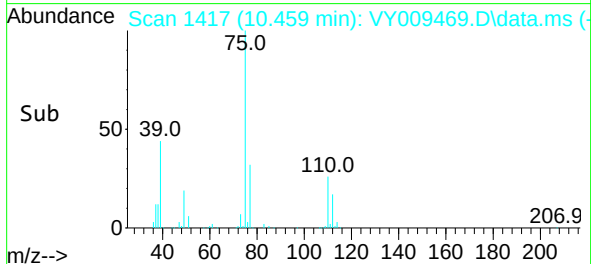
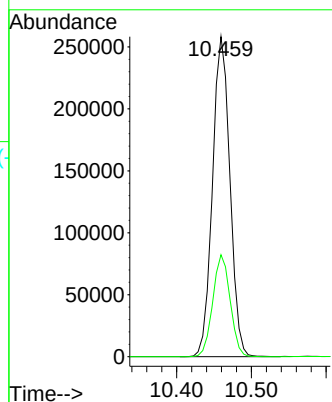
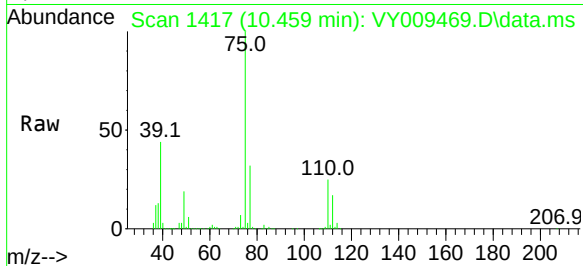




#53  
t-1,3-Dichloropropene  
Concen: 138.292 ug/l  
RT: 10.459 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

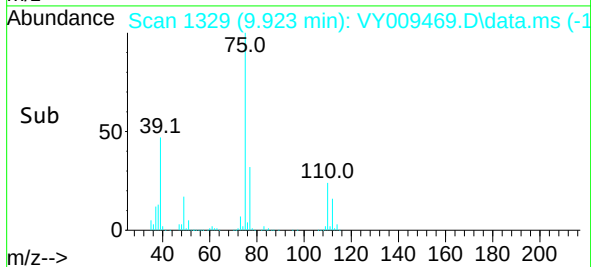
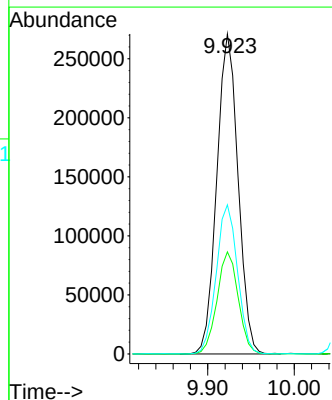
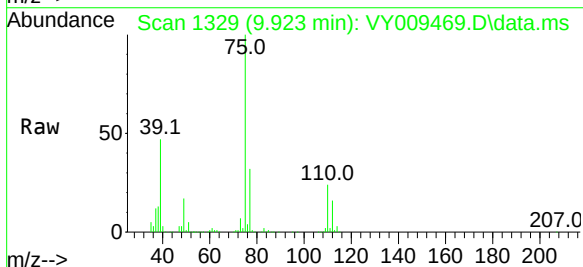
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

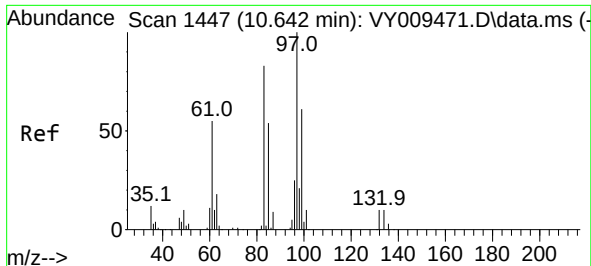
Tgt Ion: 75 Resp: 418733  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 136.736 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 75 Resp: 461655  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4  
39 46.5 47.6 71.4#

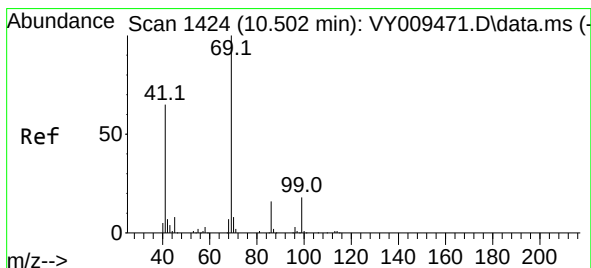
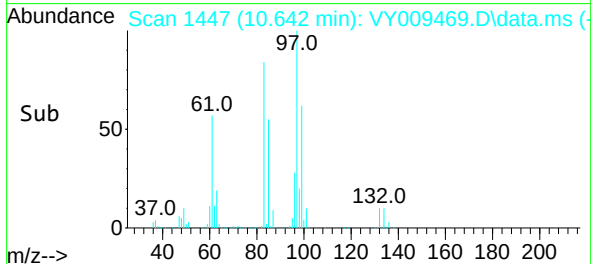
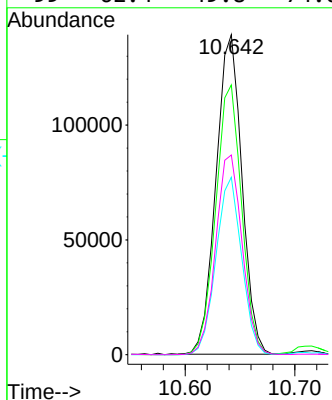
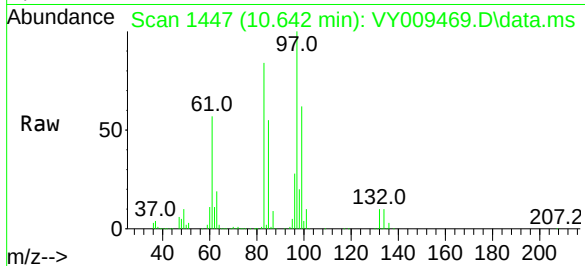




#55  
1,1,2-Trichloroethane  
Concen: 131.565 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

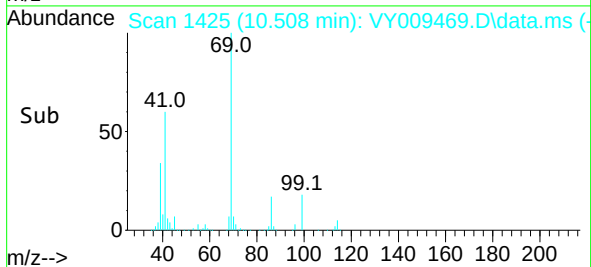
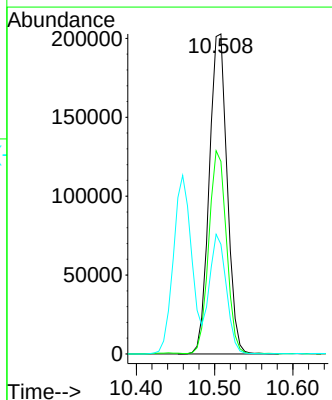
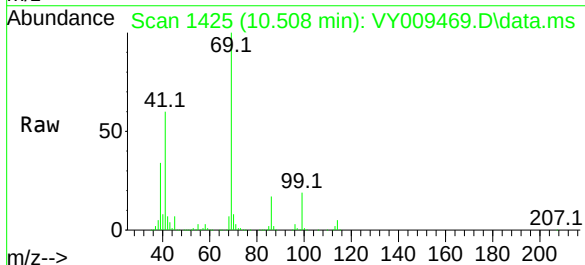
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 229120 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 84.4     | 69.8 104.8   |
| 85 55.5     | 44.3 66.5    |
| 99 62.4     | 49.8 74.6    |

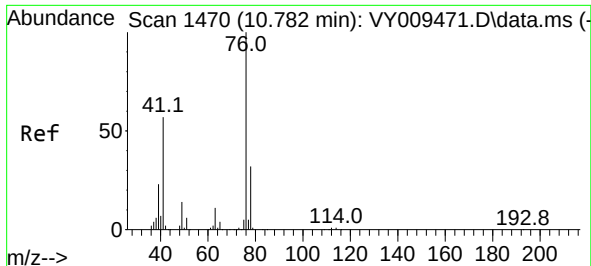


#56  
Ethyl methacrylate  
Concen: 139.070 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.006 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 321543 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 62.2     | 63.4 95.0#   |
| 39 35.1     | 35.8 53.8#   |







#57

1,3-Dichloropropane

Concen: 136.293 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

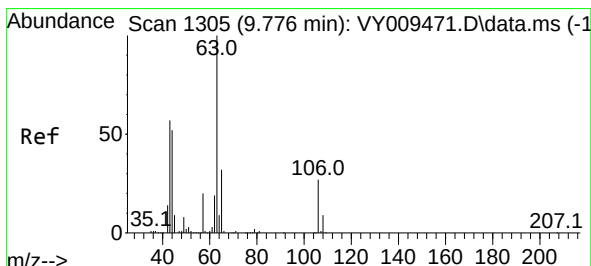
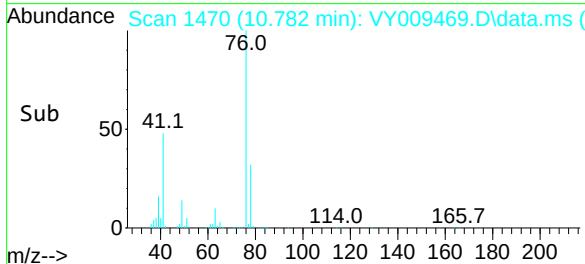
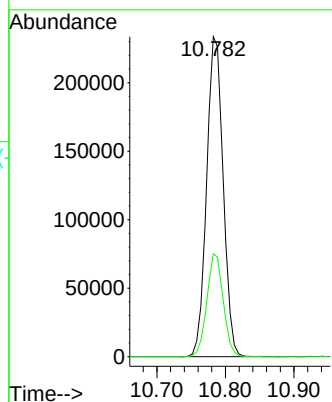
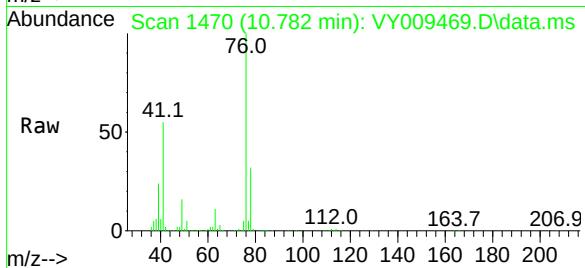
VSTDIC150

Tgt Ion: 76 Resp: 391282

Ion Ratio Lower Upper

76 100

78 31.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 712.409 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009469.D

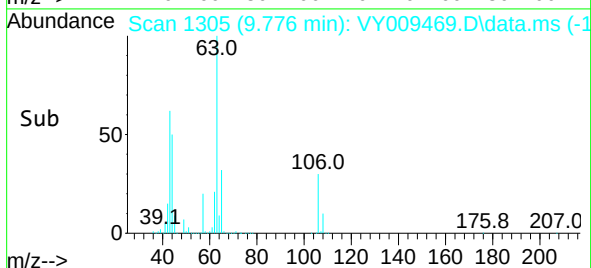
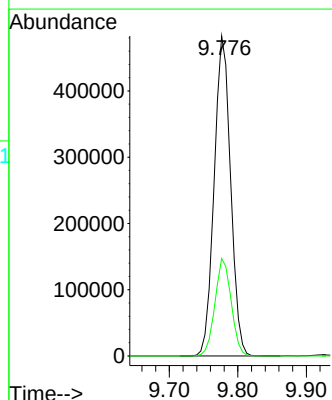
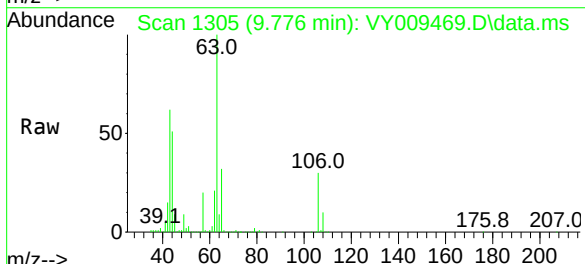
Acq: 07 Jul 2022 13:24

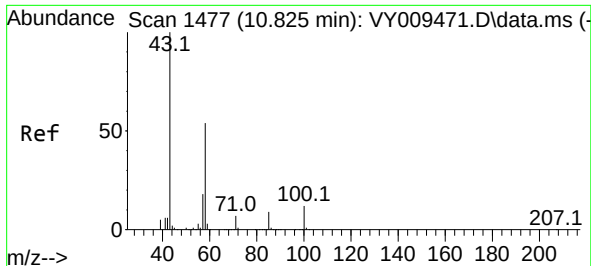
Tgt Ion: 63 Resp: 804647

Ion Ratio Lower Upper

63 100

106 30.1 21.5 32.3

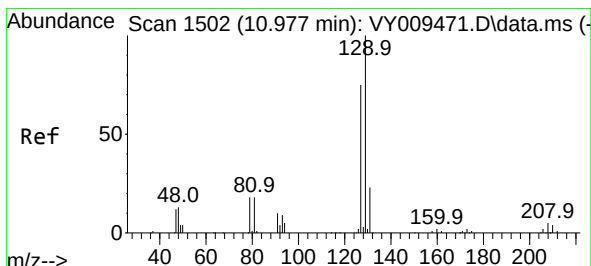
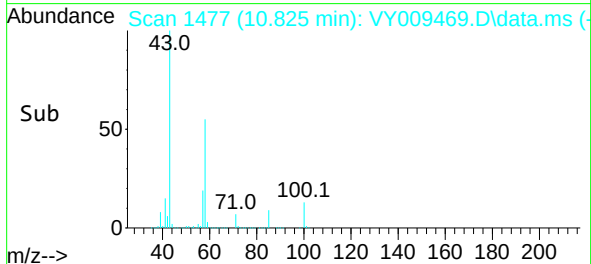
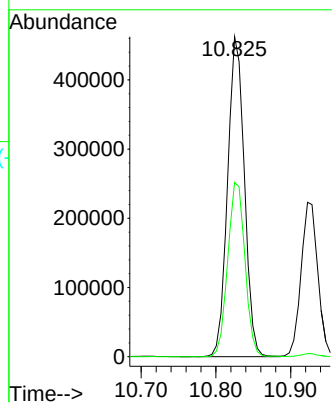
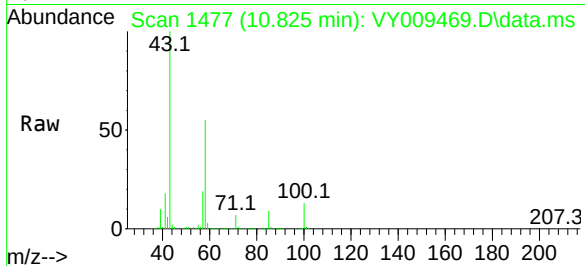




#59  
2-Hexanone  
Concen: 613.437 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

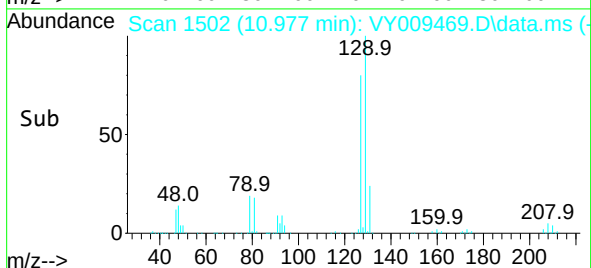
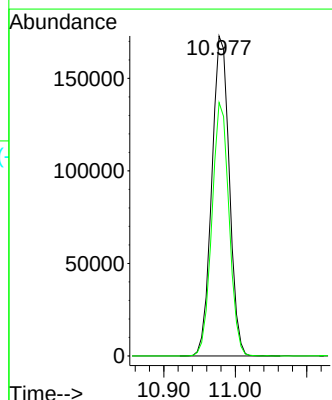
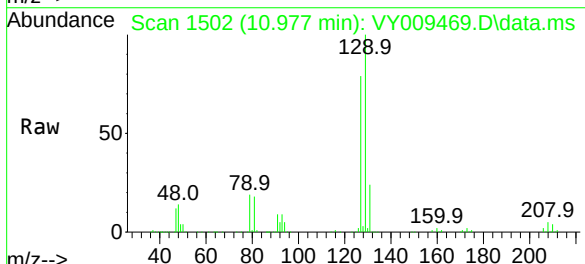
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

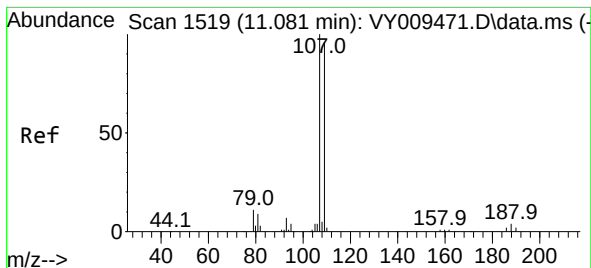
Tgt Ion: 43 Resp: 723609  
Ion Ratio Lower Upper  
43 100  
58 56.0 24.4 73.4



#60  
Dibromochloromethane  
Concen: 139.273 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion:129 Resp: 293712  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.7 116.1

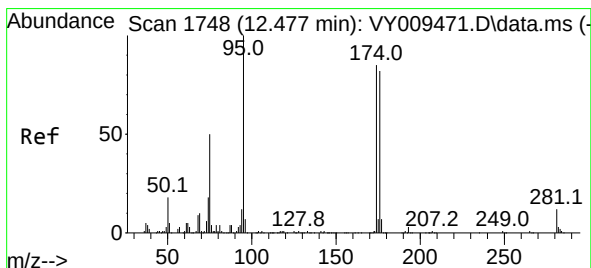
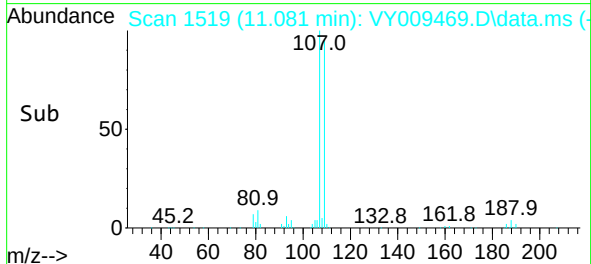
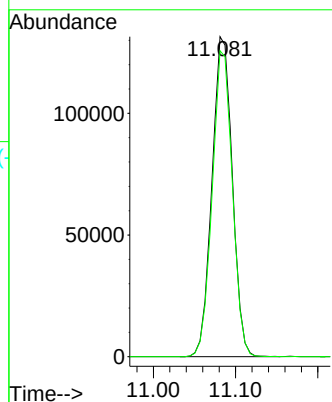
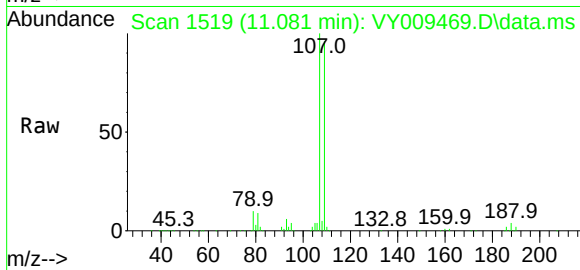




#61  
1,2-Dibromoethane  
Concen: 135.296 ug/l  
RT: 11.081 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

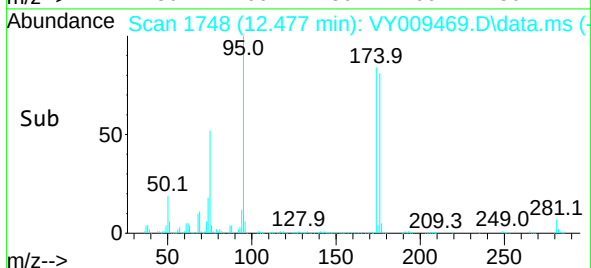
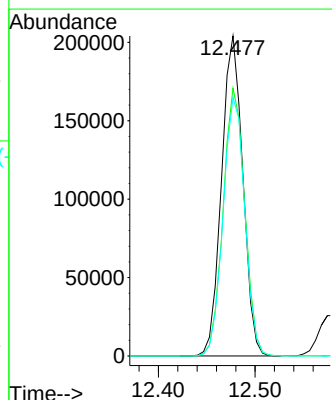
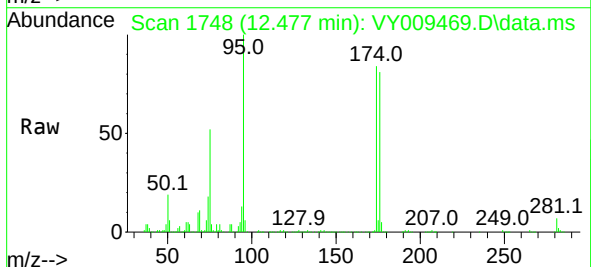
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

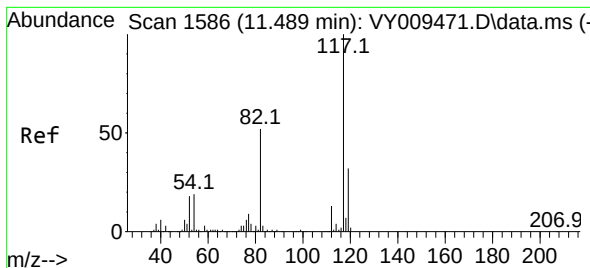
Tgt Ion:107 Resp: 225882  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 129.709 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 95 Resp: 311264  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 177.0  
176 82.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

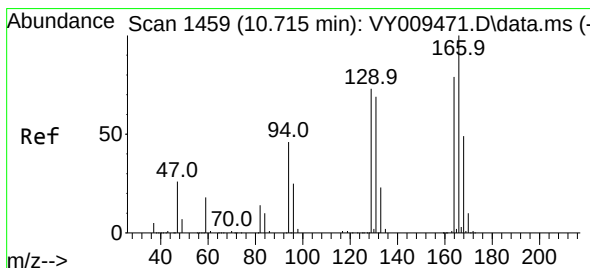
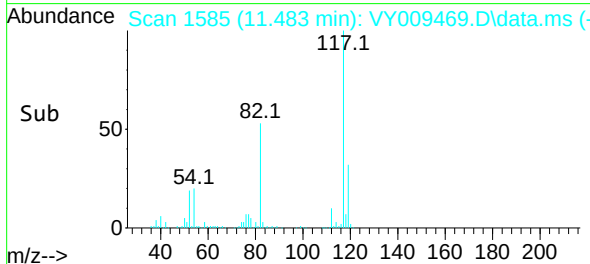
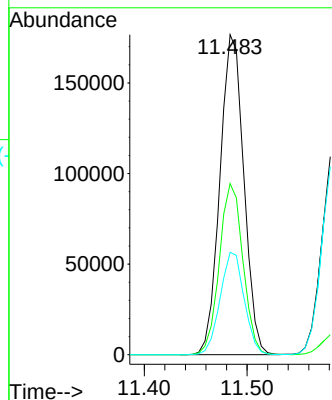
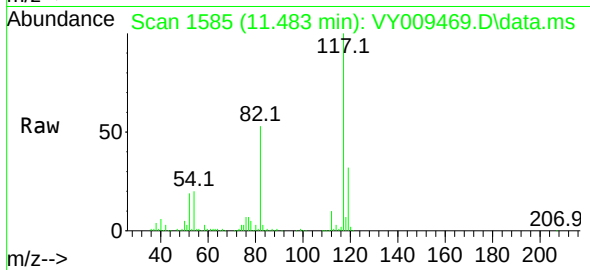
Tgt Ion:117 Resp: 285222

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 127.076 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Tgt Ion:164 Resp: 303039

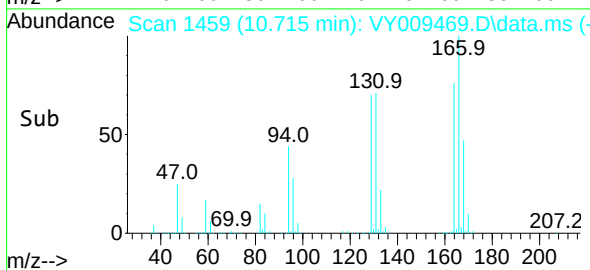
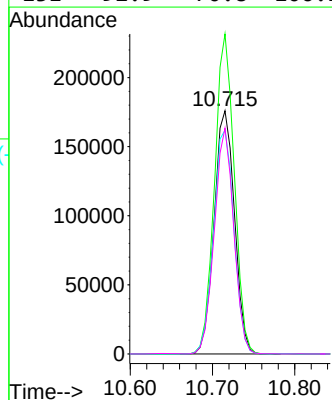
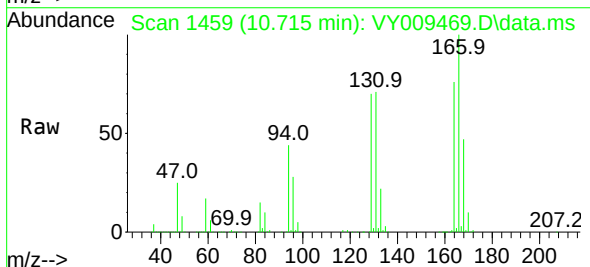
Ion Ratio Lower Upper

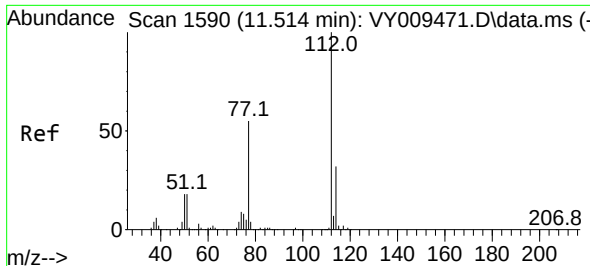
164 100

166 131.6 100.4 150.6

129 92.0 71.4 107.0

131 92.9 70.8 106.2

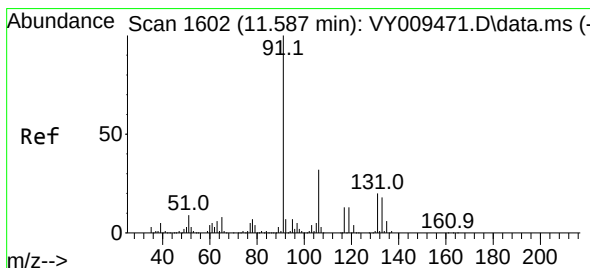
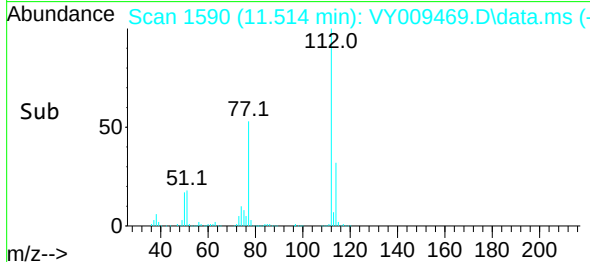
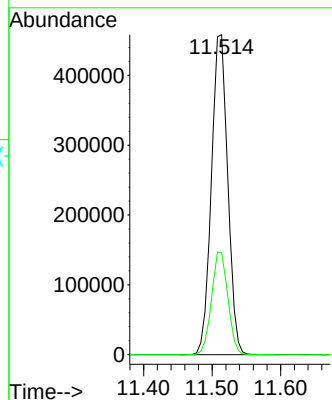
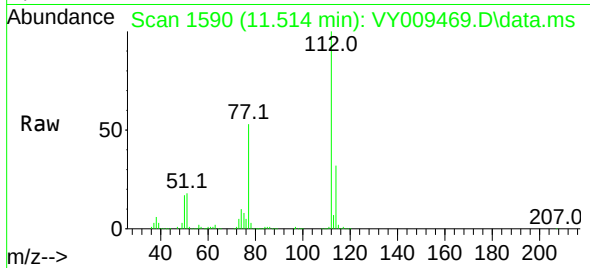




#65  
Chlorobenzene  
Concen: 135.527 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

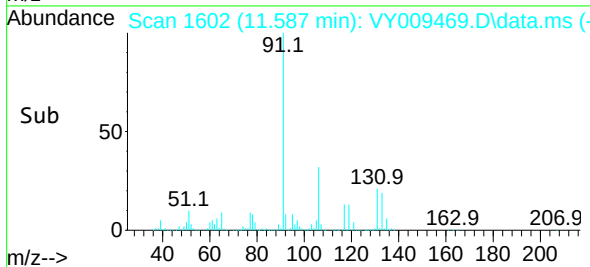
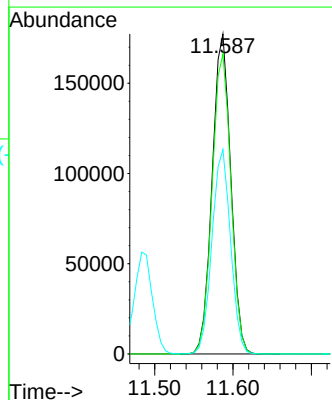
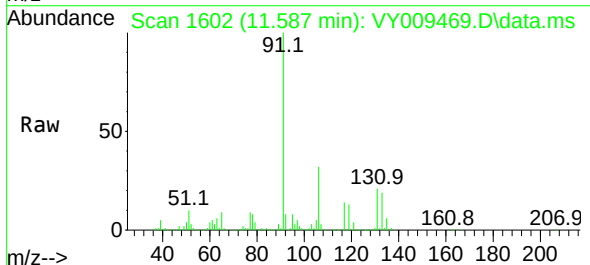
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

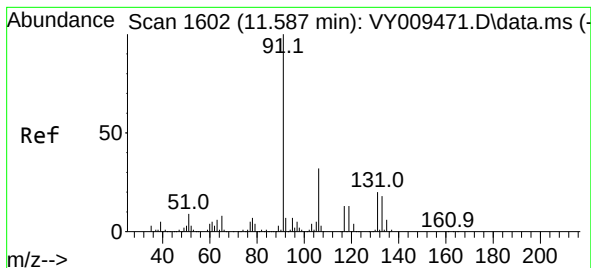
Tgt Ion:112 Resp: 759186  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 138.578 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion:131 Resp: 292006  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.9 143.6  
119 64.0 30.8 92.3





#67

Ethyl Benzene

Concen: 135.173 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

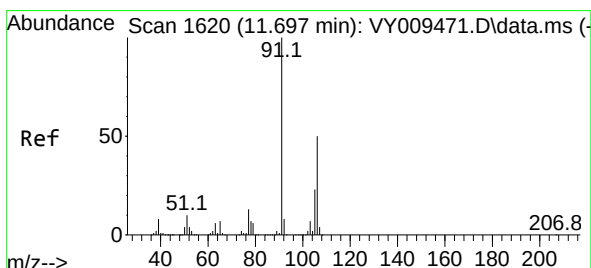
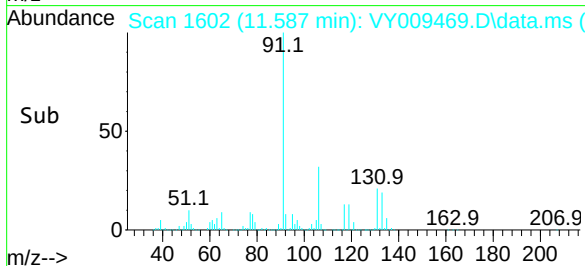
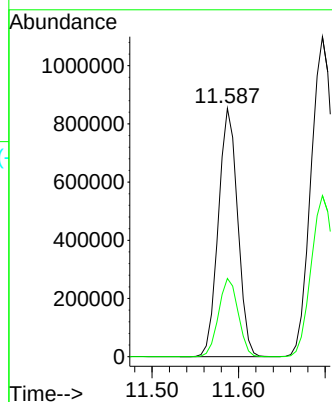
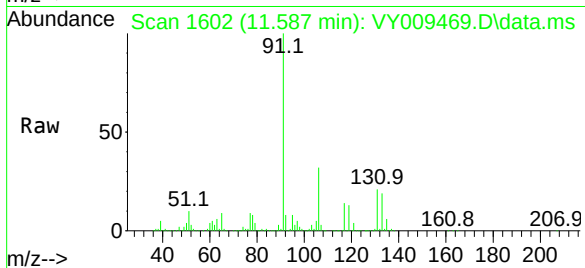
VSTDIC150

Tgt Ion: 91 Resp: 1321914

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 269.391 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009469.D

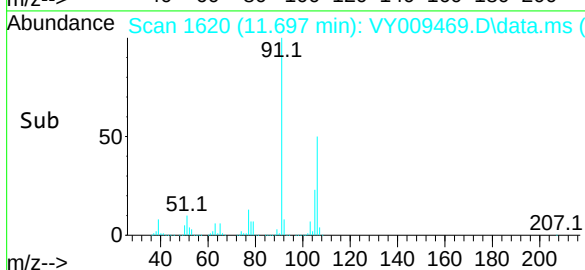
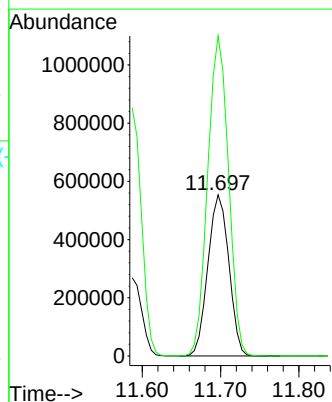
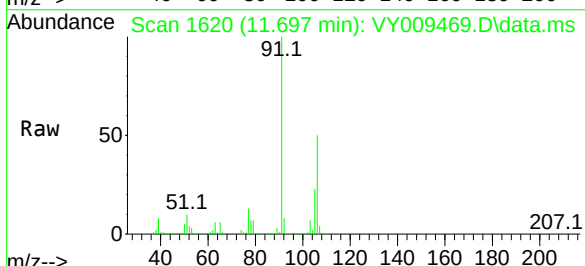
Acq: 07 Jul 2022 13:24

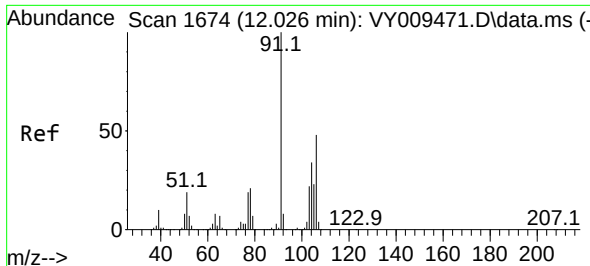
Tgt Ion:106 Resp: 1027468

Ion Ratio Lower Upper

106 100

91 197.5 166.6 249.8

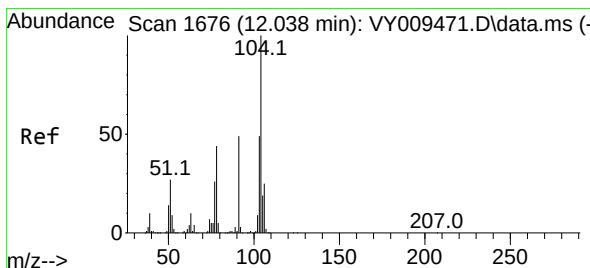
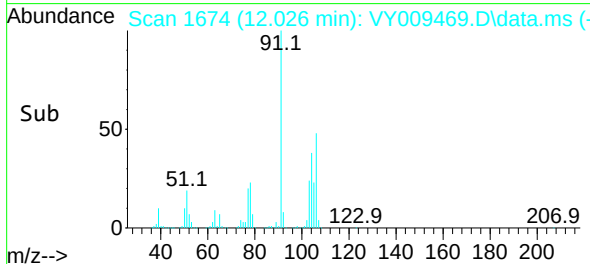
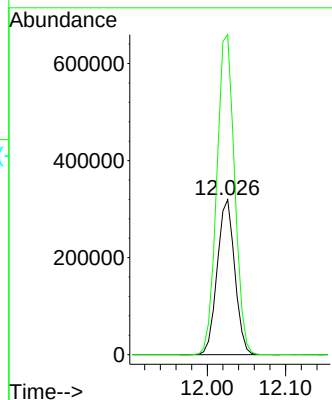
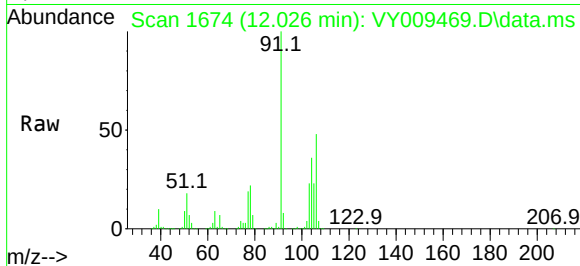




#69  
o-Xylene  
Concen: 136.013 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

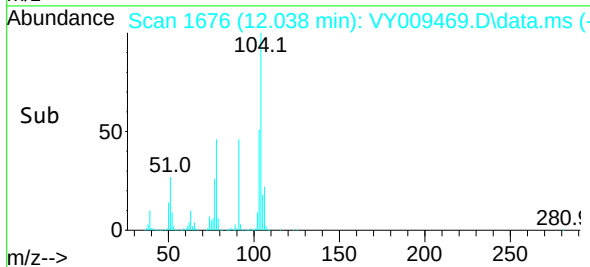
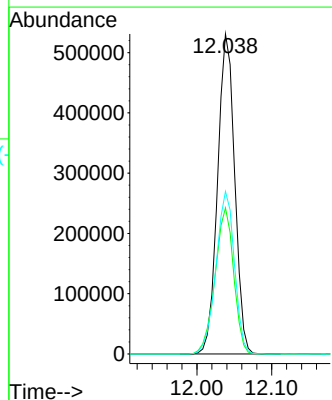
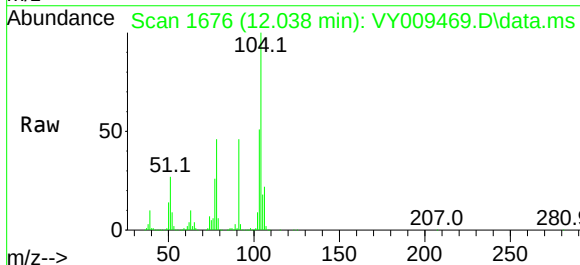
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

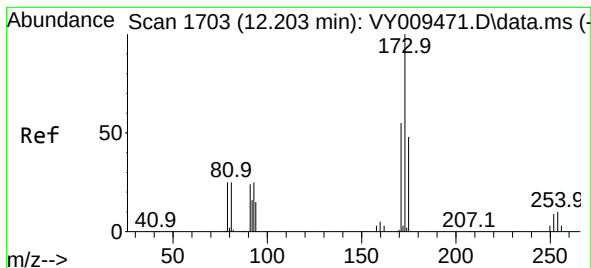
Tgt Ion:106 Resp: 497240  
Ion Ratio Lower Upper  
106 100  
91 210.3 110.3 331.0



#70  
Styrene  
Concen: 138.156 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion:104 Resp: 843616  
Ion Ratio Lower Upper  
104 100  
78 49.6 42.4 63.6  
103 54.8 44.4 66.6





#71

Bromoform

Concen: 140.509 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

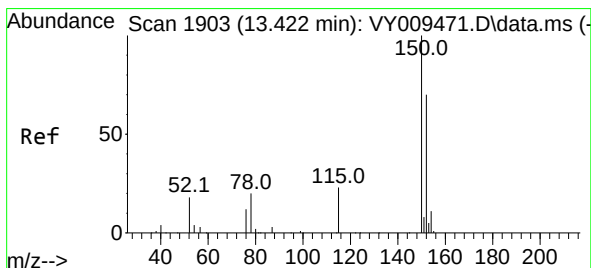
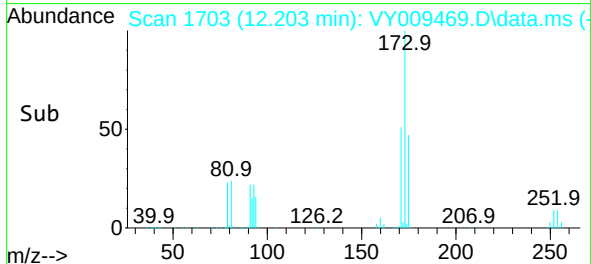
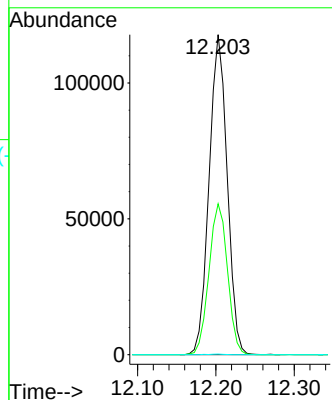
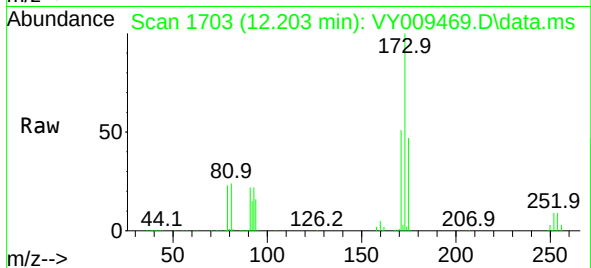
Tgt Ion:173 Resp: 188708

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

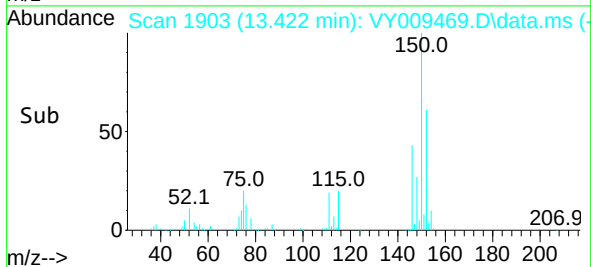
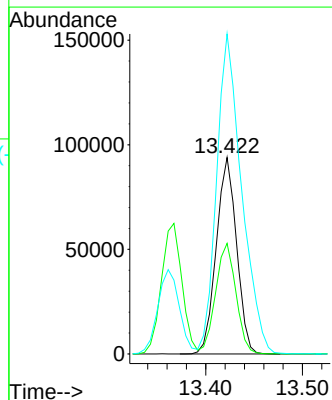
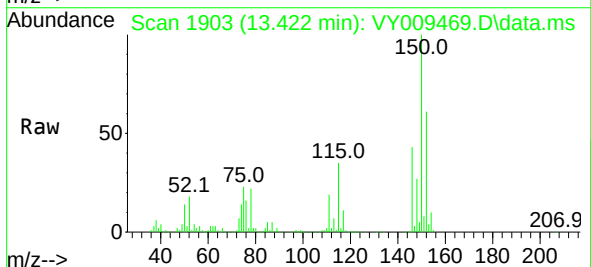
Tgt Ion:152 Resp: 136852

Ion Ratio Lower Upper

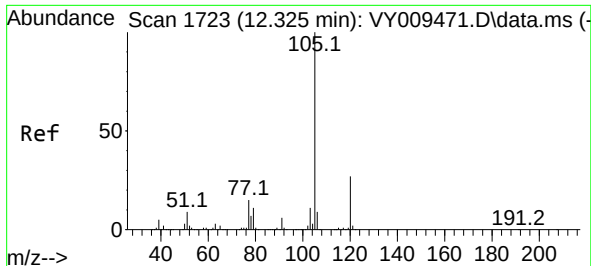
152 100

115 56.4 28.2 84.7

150 200.8 0.0 347.6



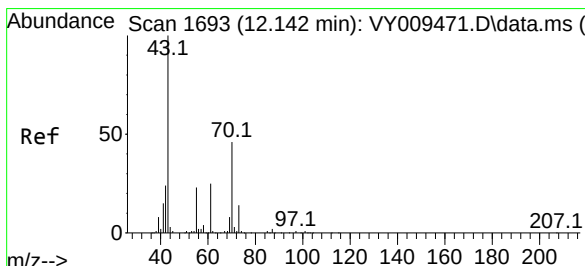
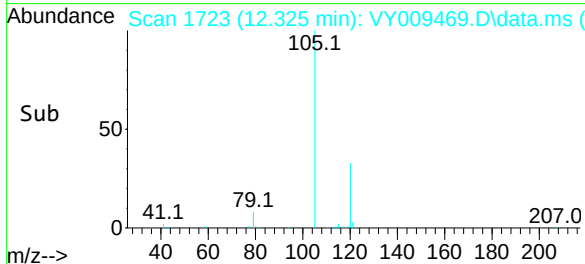
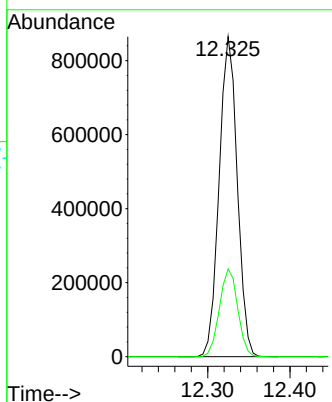
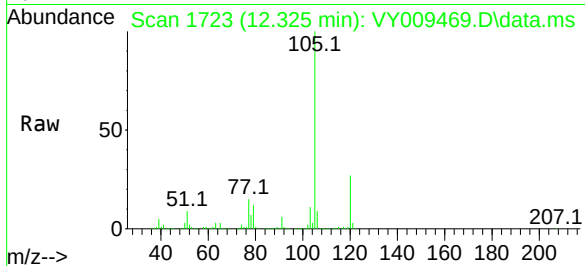




#73  
Isopropylbenzene  
Concen: 141.429 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

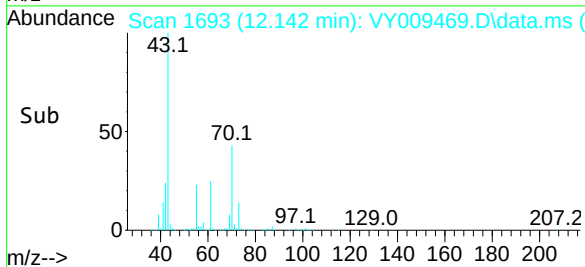
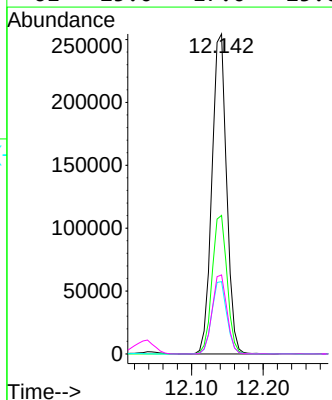
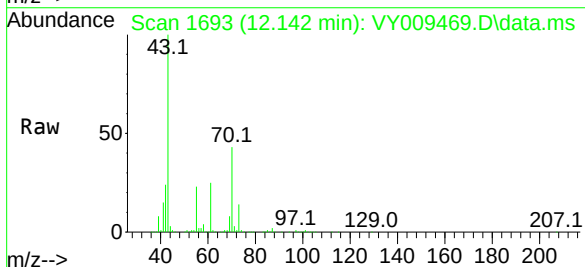
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

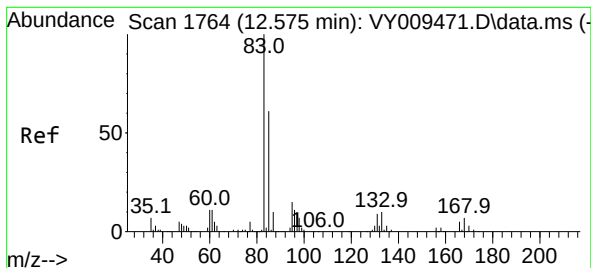
Tgt Ion:105 Resp: 1323677  
Ion Ratio Lower Upper  
105 100  
120 27.6 13.4 40.2



#74  
N-ethyl acetate  
Concen: 136.248 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 43 Resp: 362818  
Ion Ratio Lower Upper  
43 100  
70 44.1 28.7 43.1#  
55 23.3 17.3 25.9  
61 25.0 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 138.097 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

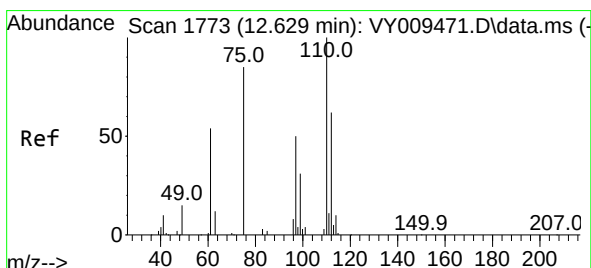
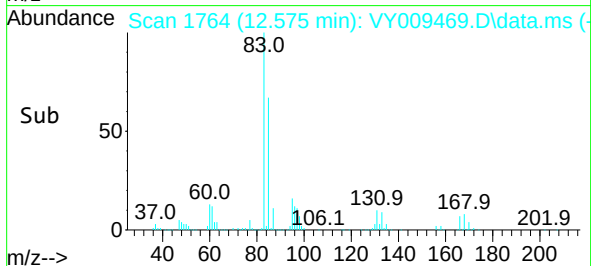
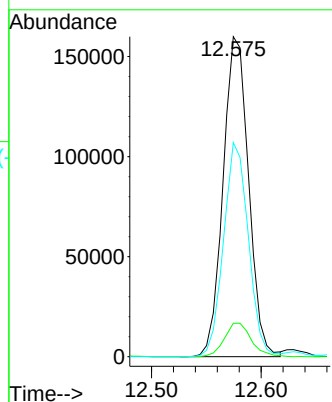
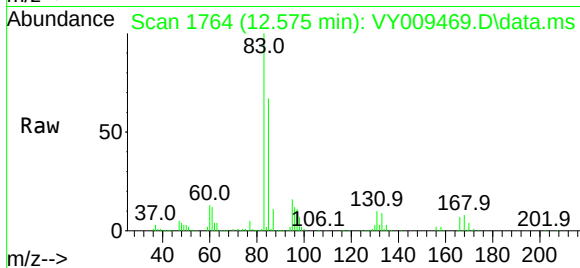
Tgt Ion: 83 Resp: 258790

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 144.293 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY009469.D

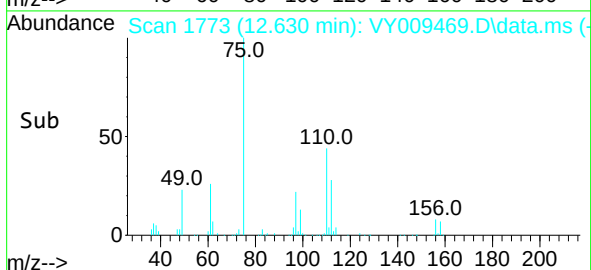
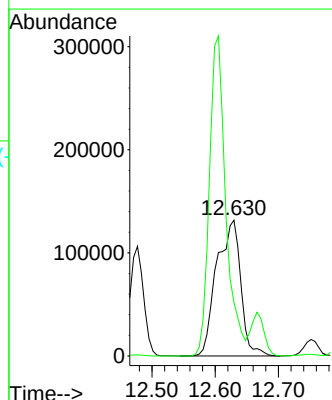
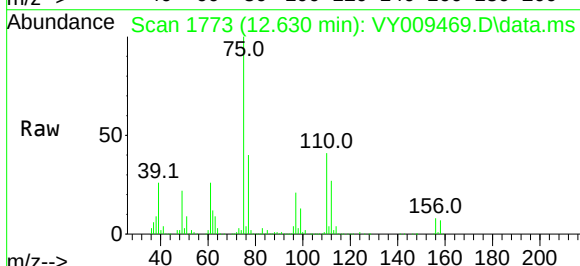
Acq: 07 Jul 2022 13:24

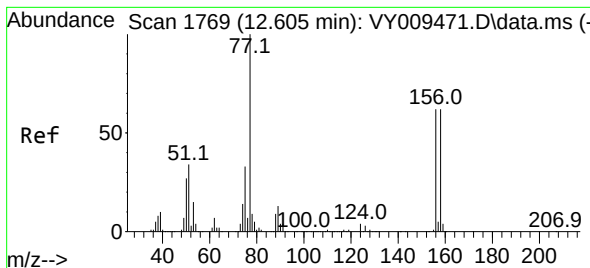
Tgt Ion: 75 Resp: 348279

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 138.818 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

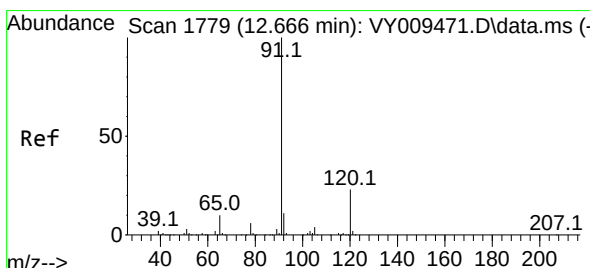
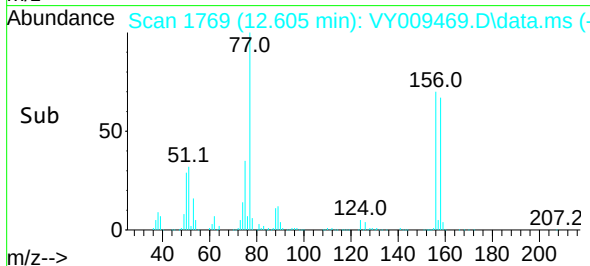
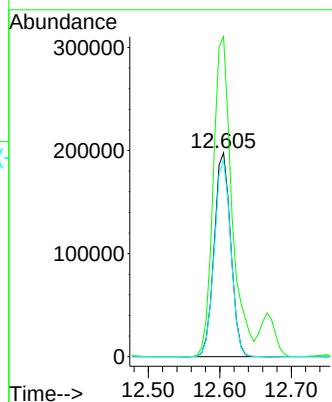
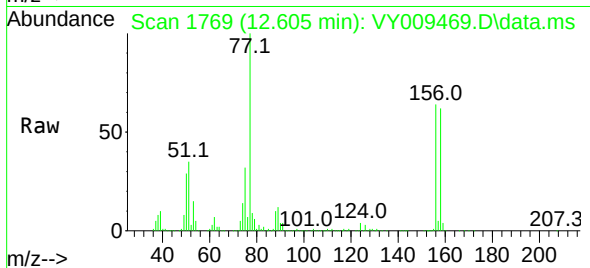
Tgt Ion:156 Resp: 316294

Ion Ratio Lower Upper

156 100

77 177.7 95.5 286.4

158 96.5 48.0 144.0



#78

n-propylbenzene

Concen: 139.710 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009469.D

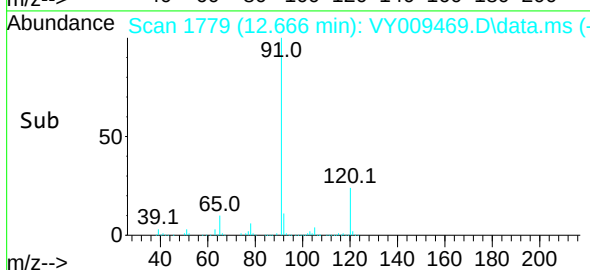
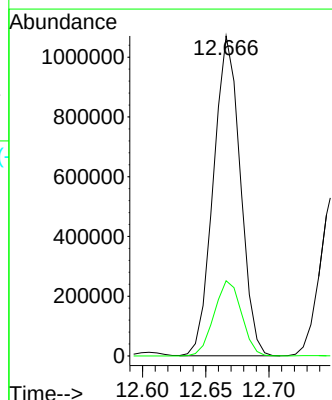
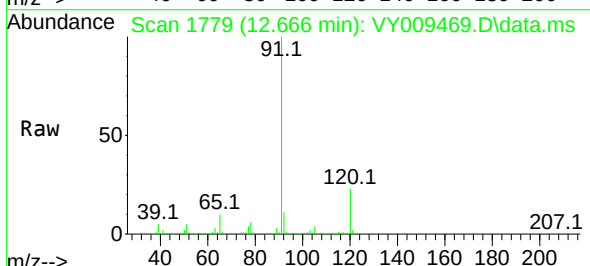
Acq: 07 Jul 2022 13:24

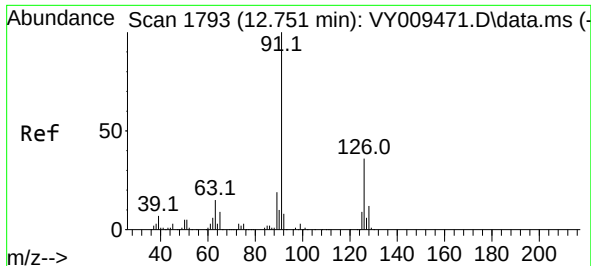
Tgt Ion: 91 Resp: 1579737

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9

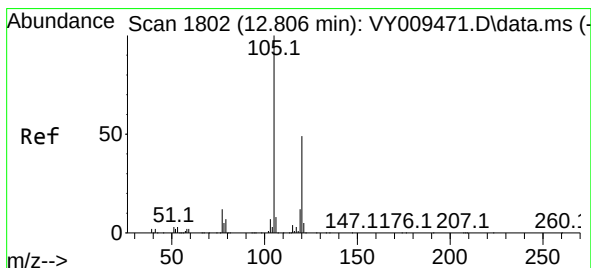
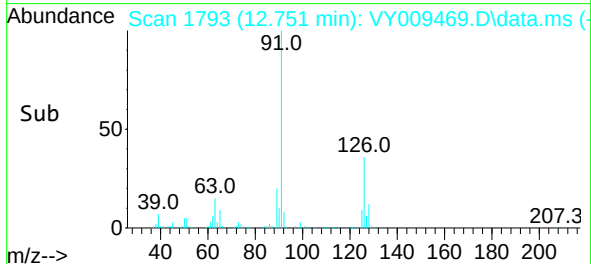
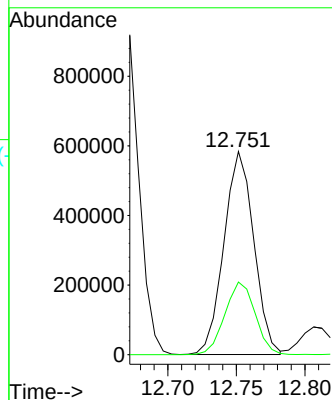
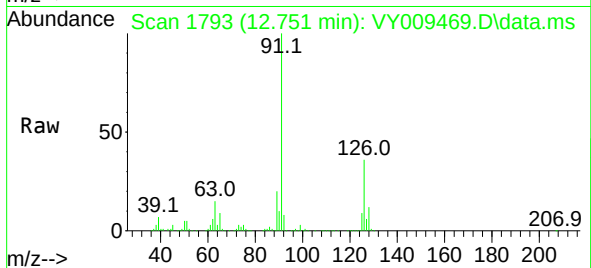




#79  
2-Chlorotoluene  
Concen: 140.051 ug/l  
RT: 12.751 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

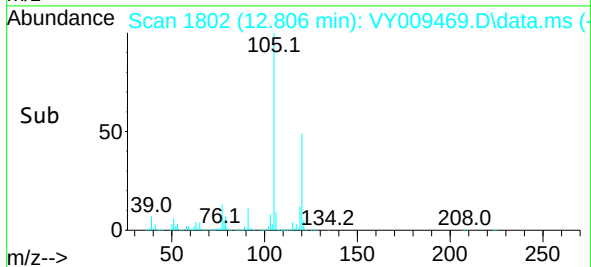
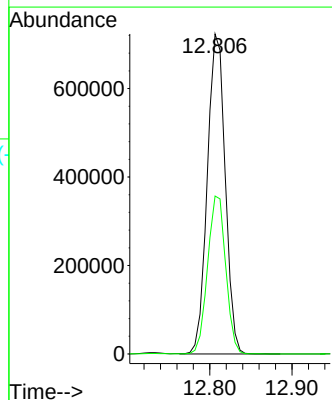
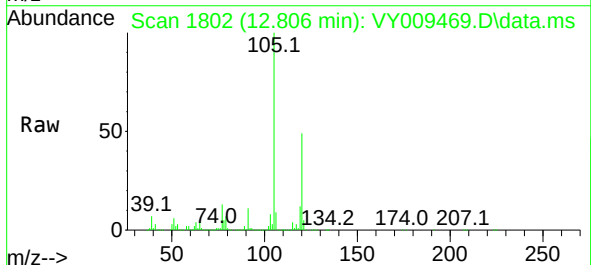
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

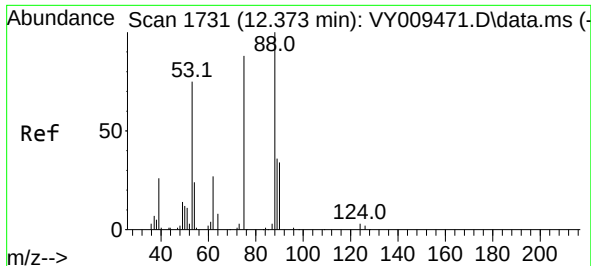
Tgt Ion: 91 Resp: 886575  
Ion Ratio Lower Upper  
91 100  
126 36.2 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 139.671 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 105 Resp: 1092661  
Ion Ratio Lower Upper  
105 100  
120 50.0 24.4 73.4

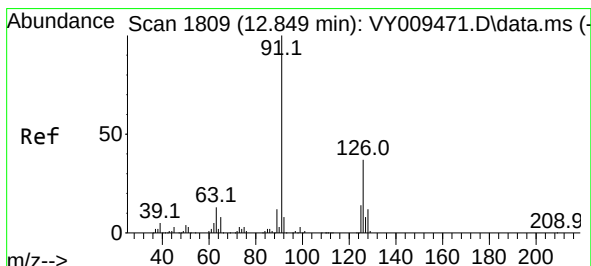
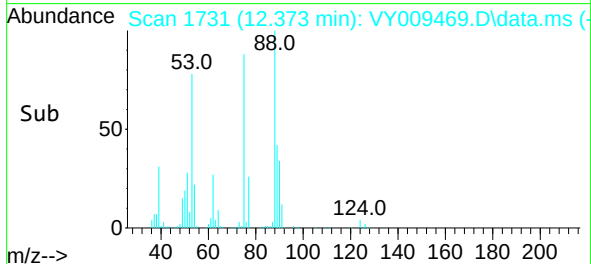
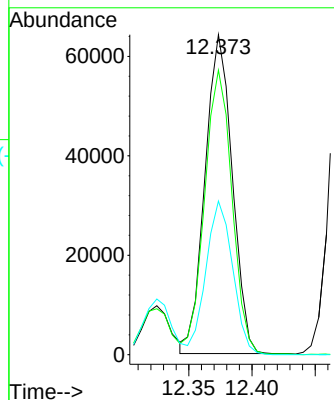
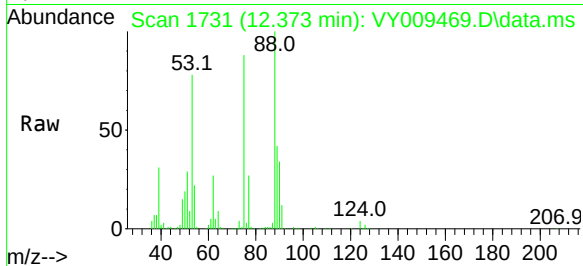




#81  
trans-1,4-Dichloro-2-butene  
Concen: 135.891 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

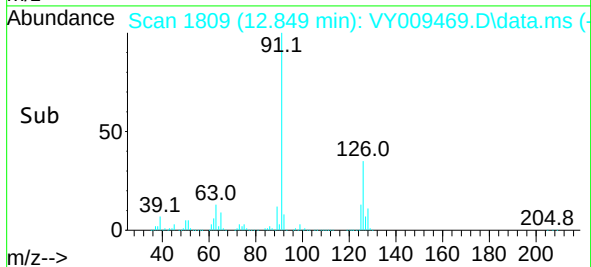
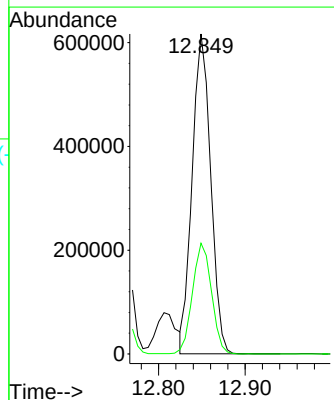
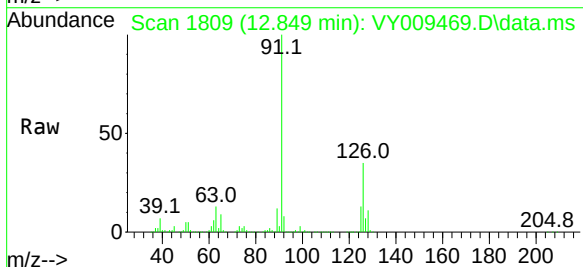
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

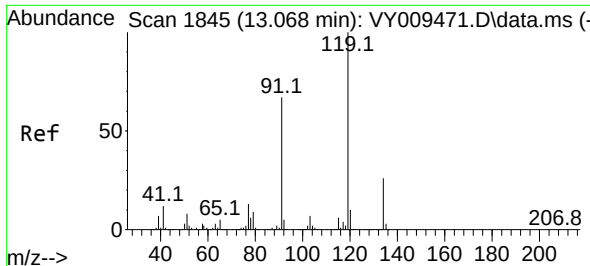
Tgt Ion: 75 Resp: 96189  
Ion Ratio Lower Upper  
75 100  
53 90.0 85.3 127.9  
89 47.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 137.948 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion: 91 Resp: 915176  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.0 51.0

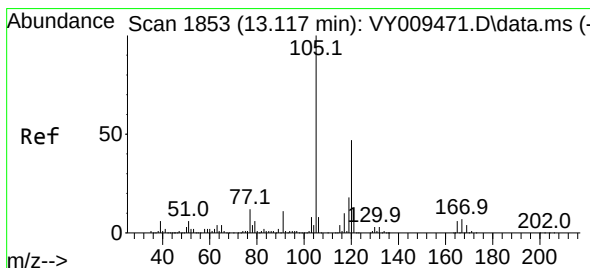
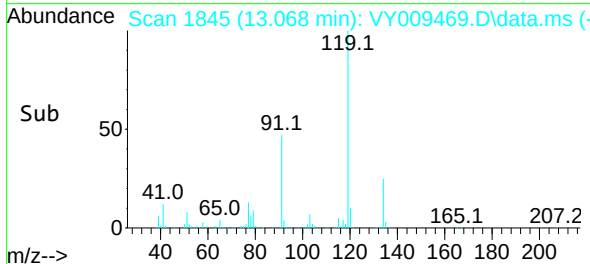
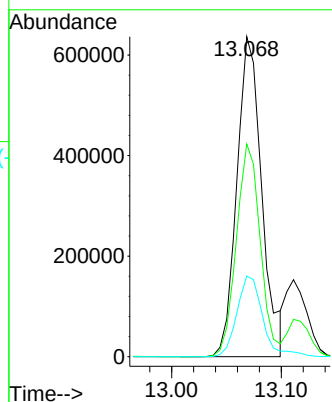
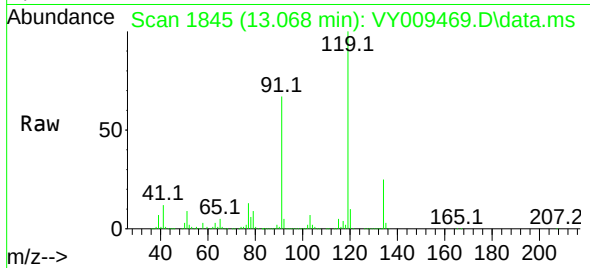




#83  
tert-Butylbenzene  
Concen: 144.089 ug/l  
RT: 13.068 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

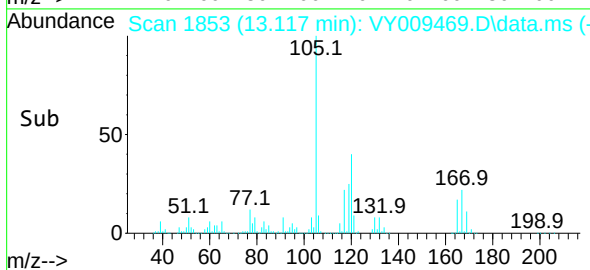
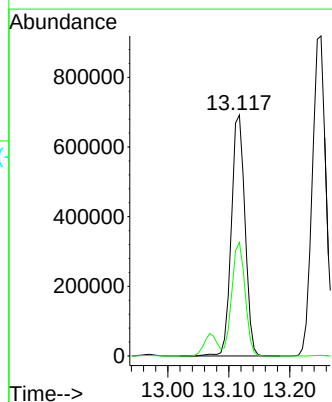
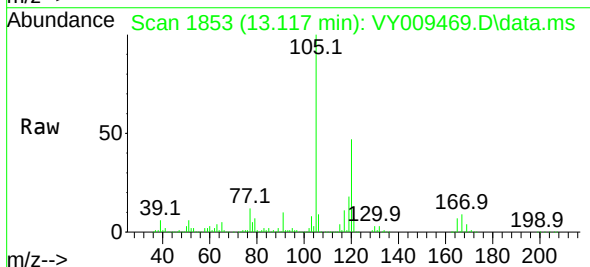
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

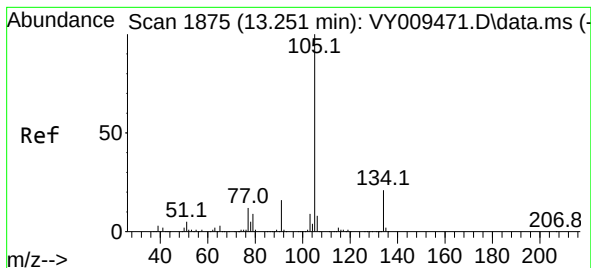
Tgt Ion:119 Resp: 1002850  
Ion Ratio Lower Upper  
119 100  
91 63.8 34.8 104.4  
134 26.1 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 137.947 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion:105 Resp: 1074154  
Ion Ratio Lower Upper  
105 100  
120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 139.329 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

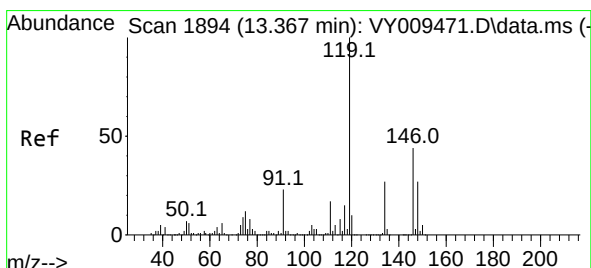
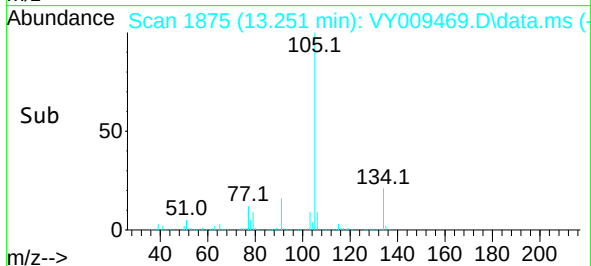
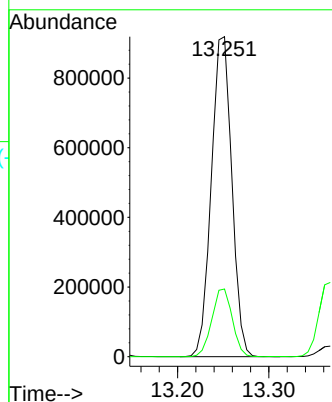
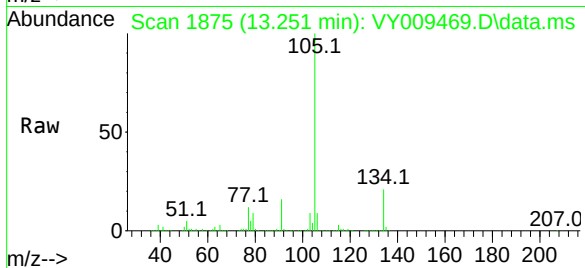
VSTDIC150

Tgt Ion:105 Resp: 1428156

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 138.907 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

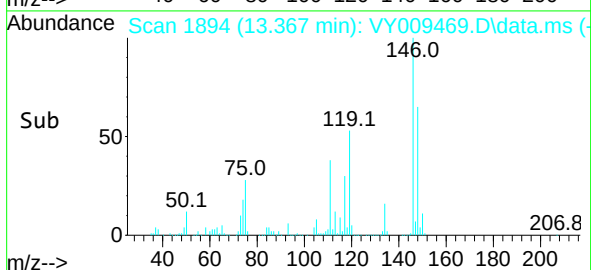
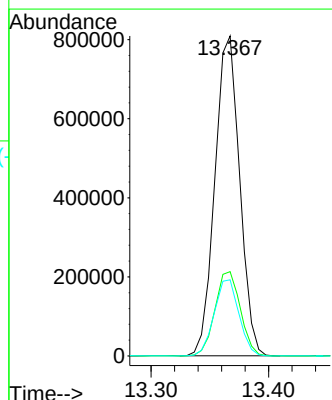
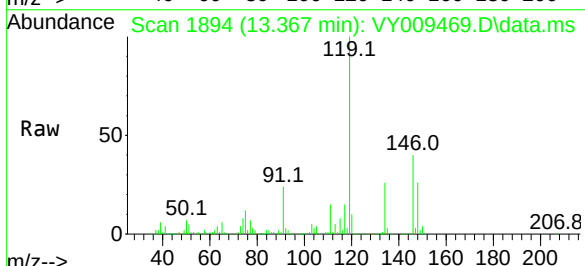
Tgt Ion:119 Resp: 1186852

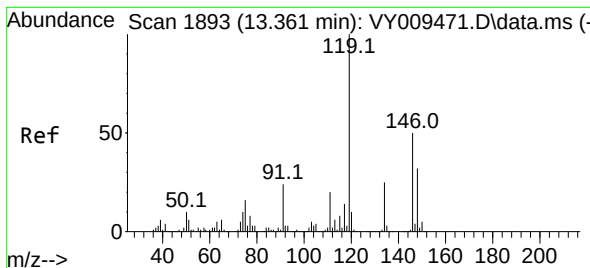
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 134.085 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

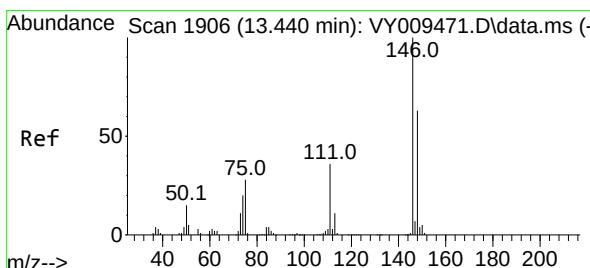
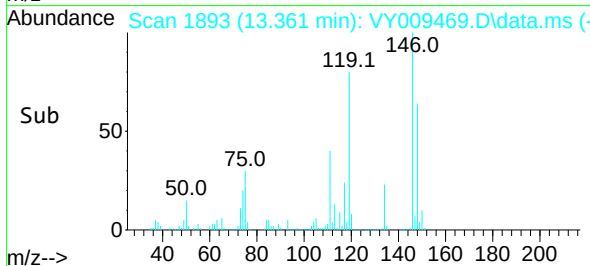
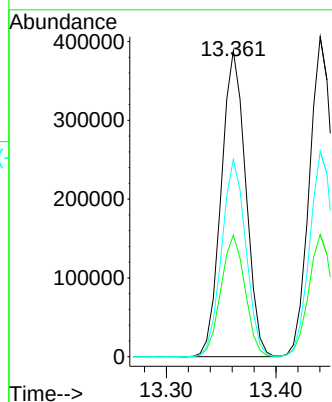
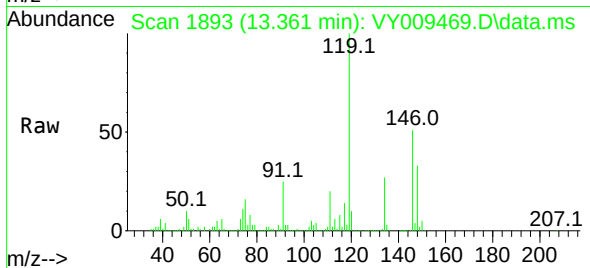
Tgt Ion:146 Resp: 603060

Ion Ratio Lower Upper

146 100

111 39.1 19.5 58.5

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 134.129 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

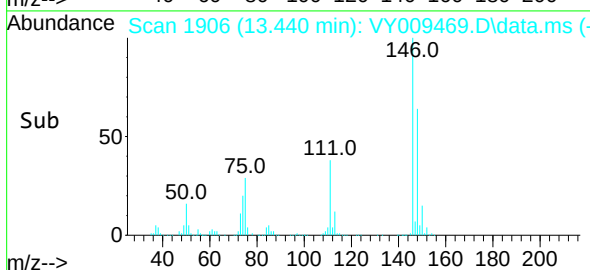
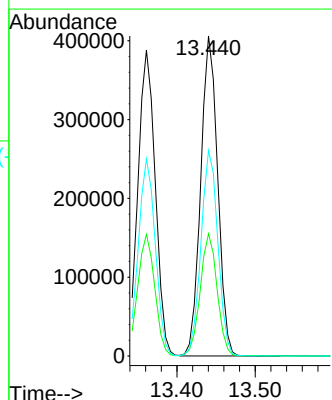
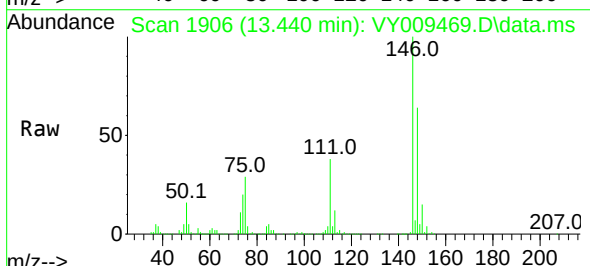
Tgt Ion:146 Resp: 610556

Ion Ratio Lower Upper

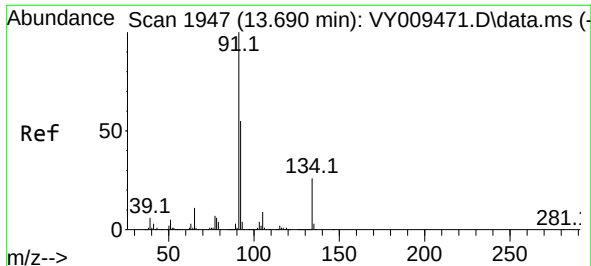
146 100

111 37.9 19.3 57.8

148 64.2 32.6 97.8







#89

n-Butylbenzene

Concen: 138.969 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

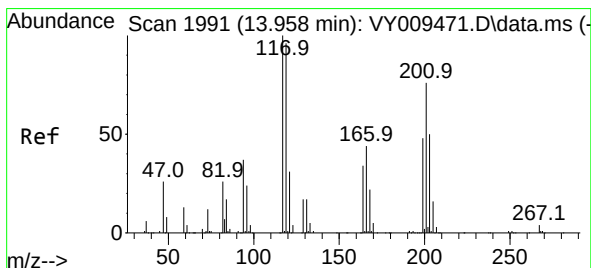
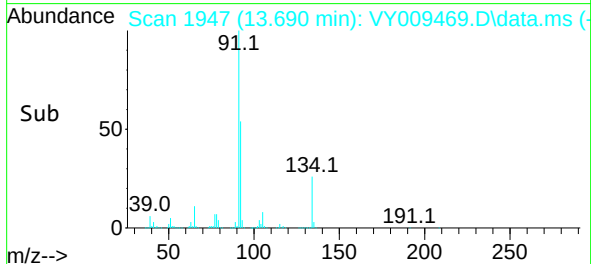
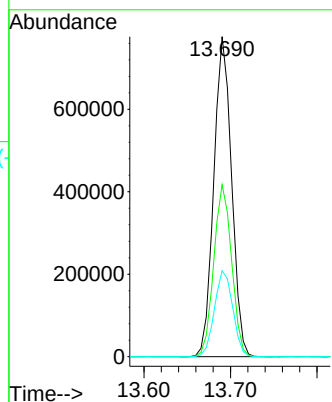
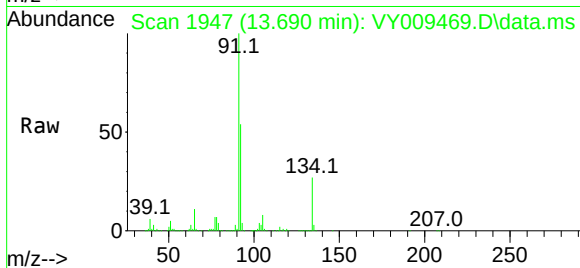
MSVOA\_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1108793

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.7  | 26.3  | 78.9  |
| 134 | 27.6  | 13.0  | 38.9  |



#90

Hexachloroethane

Concen: 140.257 ug/l

RT: 13.959 min Scan# 1991

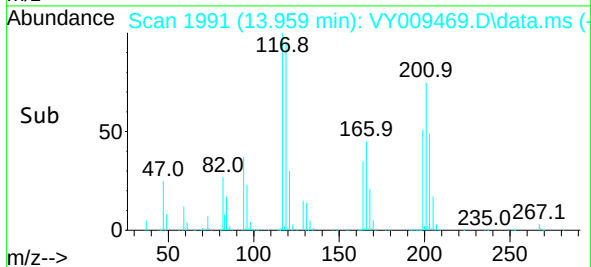
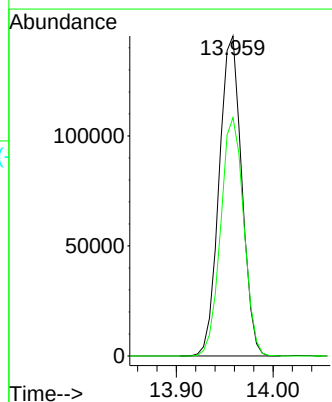
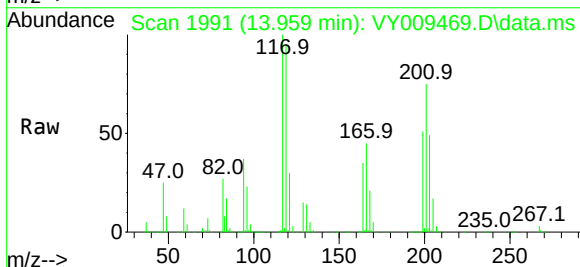
Delta R.T. 0.000 min

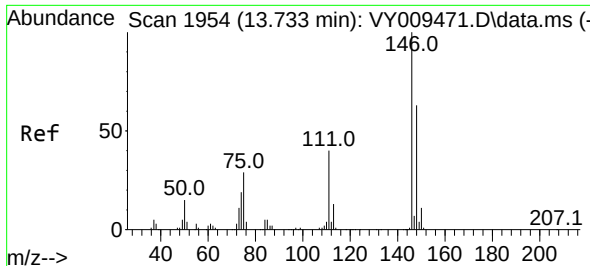
Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Tgt Ion: 117 Resp: 235132

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 76.0  | 43.0  | 128.8 |

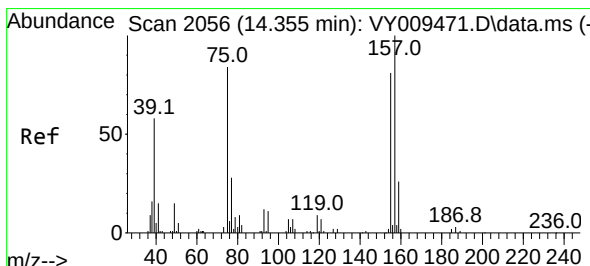
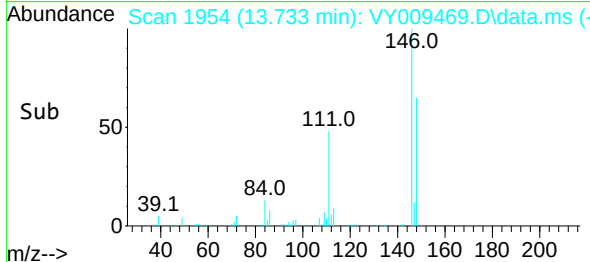
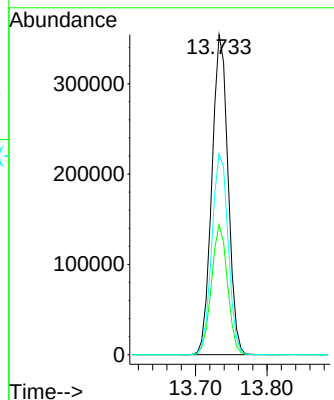
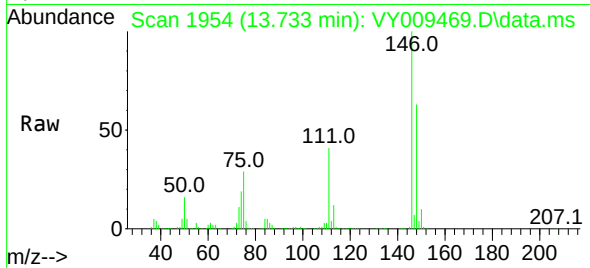




#91  
 1,2-Dichlorobenzene  
 Concen: 134.882 ug/l  
 RT: 13.733 min Scan# 1954  
 Delta R.T. 0.000 min  
 Lab File: VY009469.D  
 Acq: 07 Jul 2022 13:24

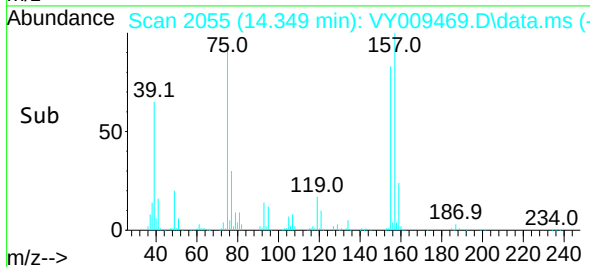
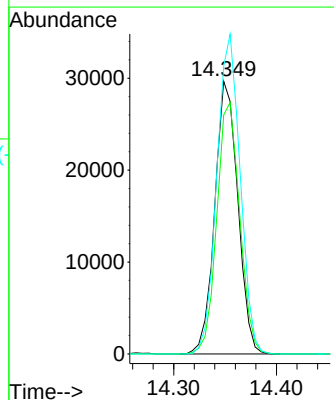
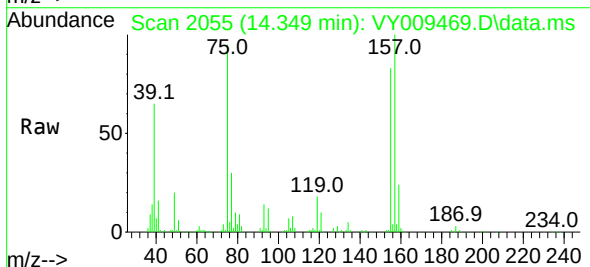
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC150

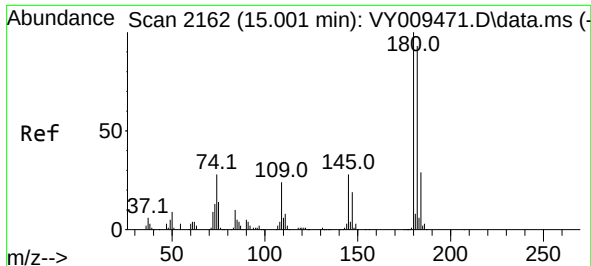
Tgt Ion:146 Resp: 555809  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.3 60.9  
 148 63.7 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 140.388 ug/l  
 RT: 14.349 min Scan# 2055  
 Delta R.T. -0.006 min  
 Lab File: VY009469.D  
 Acq: 07 Jul 2022 13:24

Tgt Ion: 75 Resp: 46112  
 Ion Ratio Lower Upper  
 75 100  
 155 91.8 38.0 113.9  
 157 118.6 47.8 143.3

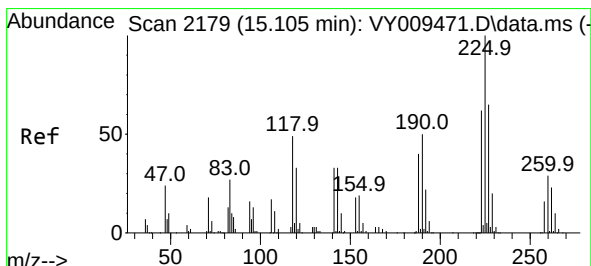
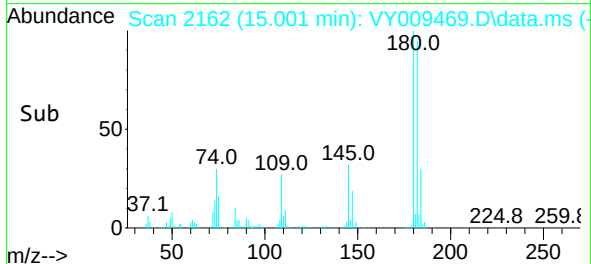
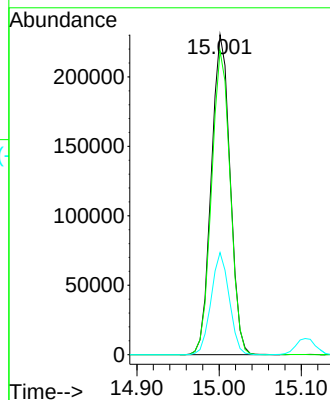
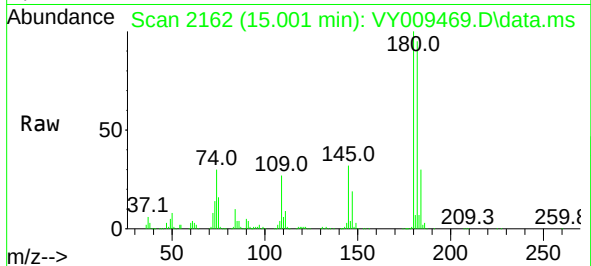




#93  
1,2,4-Trichlorobenzene  
Concen: 145.606 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

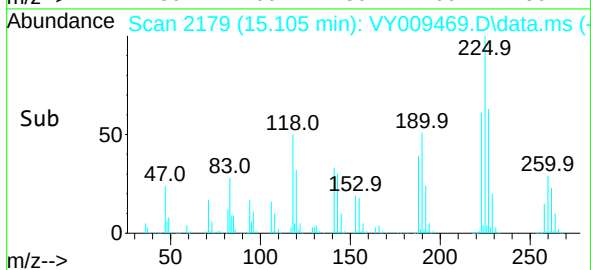
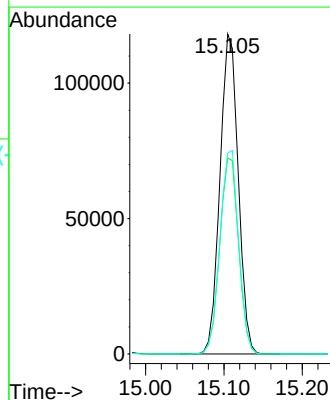
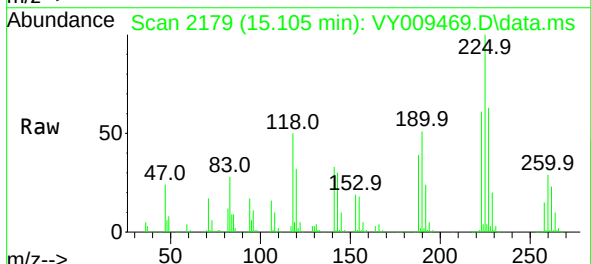
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC150

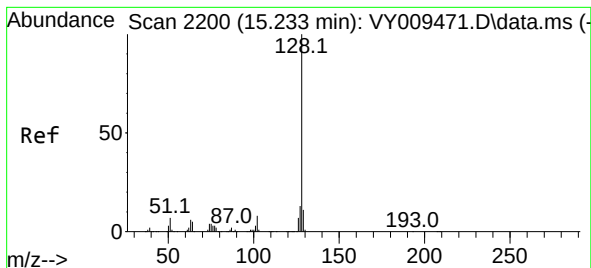
Tgt Ion:180 Resp: 365942  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.3 141.9  
145 30.8 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 138.797 ug/l  
RT: 15.105 min Scan# 2179  
Delta R.T. 0.000 min  
Lab File: VY009469.D  
Acq: 07 Jul 2022 13:24

Tgt Ion:225 Resp: 191780  
Ion Ratio Lower Upper  
225 100  
223 63.3 30.8 92.3  
227 64.7 31.6 94.7





#95

Naphthalene

Concen: 152.457 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC150

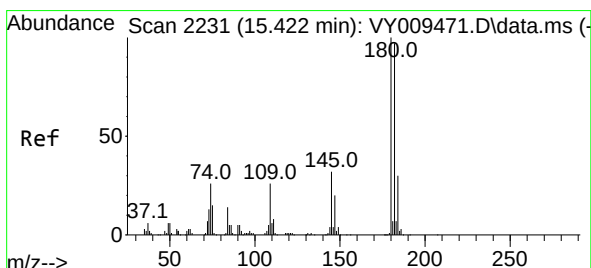
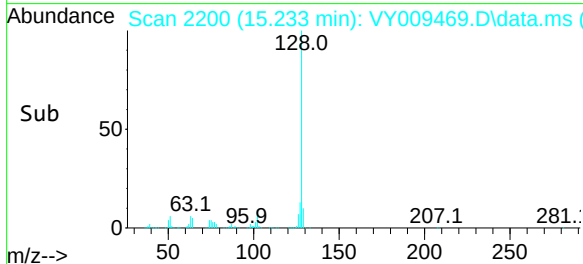
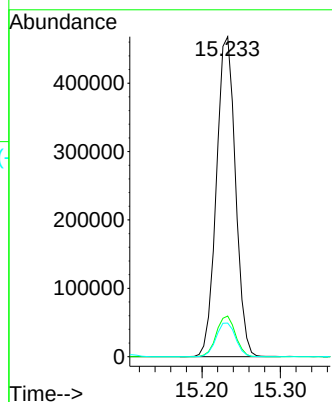
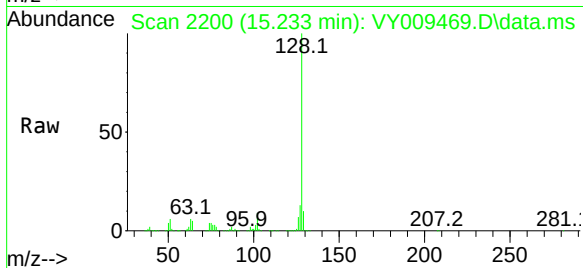
Tgt Ion:128 Resp: 792208

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 147.199 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY009469.D

Acq: 07 Jul 2022 13:24

Tgt Ion:180 Resp: 320417

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 32.4 15.3 45.9

