

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070522\  
 Data File : VY009433.D  
 Acq On : 05 Jul 2022 13:32  
 Operator : KP/MD  
 Sample : VY0705SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0705SBS02

Quant Time: Jul 06 04:48:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 17:35:34 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 7.783          | 168  | 133468              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685          | 114  | 211814              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.483         | 117  | 198249              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422         | 152  | 106645              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.136          | 65   | 54909               | 51.364  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 102.720% |         |        |          |
| 35) Dibromofluoromethane     | 7.710          | 113  | 60431               | 51.838  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 103.680% |         |        |          |
| 50) Toluene-d8               | 10.173         | 98   | 186884              | 52.286  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 125 |      | Recovery = 104.580% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.477         | 95   | 90756               | 53.538  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 146 |      | Recovery = 107.080% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.900          | 85   | 24004               | 21.846  | ug/l   | 100      |
| 3) Chloromethane             | 2.107          | 50   | 22860               | 19.120  | ug/l   | 93       |
| 4) Vinyl Chloride            | 2.241          | 62   | 28715               | 20.762  | ug/l   | 97       |
| 5) Bromomethane              | 2.625          | 94   | 21720               | 24.474  | ug/l   | 97       |
| 6) Chloroethane              | 2.778          | 64   | 17365               | 23.548  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.113          | 101  | 41867               | 22.817  | ug/l   | 92       |
| 8) Diethyl Ether             | 3.521          | 74   | 11847               | 16.524  | ug/l   | 73       |
| 9) 1,1,2-Trichlorotrifluo... | 3.887          | 101  | 27794               | 21.131  | ug/l   | 96       |
| 10) Methyl Iodide            | 4.076          | 142  | 31162               | 21.583  | ug/l   | 91       |
| 11) Tert butyl alcohol       | 4.942          | 59   | 16705               | 57.806  | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 3.857          | 96   | 24190               | 20.162  | ug/l   | 87       |
| 13) Acrolein                 | 3.716          | 56   | 5887                | 65.981  | ug/l   | 96       |
| 14) Allyl chloride           | 4.472          | 41   | 44207               | 20.108  | ug/l   | 94       |
| 15) Acrylonitrile            | 5.161          | 53   | 41635               | 102.512 | ug/l   | 99       |
| 16) Acetone                  | 3.942          | 43   | 33727               | 96.064  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.180          | 76   | 60063               | 17.997  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.466          | 43   | 21895               | 21.498  | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 5.210          | 73   | 74770               | 20.780  | ug/l   | 99       |
| 20) Methylene Chloride       | 4.704          | 84   | 40253               | 20.936  | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.210          | 96   | 27882               | 19.411  | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.112          | 45   | 102306              | 22.051  | ug/l # | 97       |
| 23) Vinyl Acetate            | 6.051          | 43   | 312933              | 107.672 | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.009          | 63   | 55605               | 21.317  | ug/l   | 98       |
| 25) 2-Butanone               | 6.978          | 43   | 56769               | 101.991 | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 6.972          | 77   | 50070               | 20.281  | ug/l   | 95       |
| 27) cis-1,2-Dichloroethene   | 6.978          | 96   | 34660               | 20.770  | ug/l   | 91       |
| 28) Bromochloromethane       | 7.326          | 49   | 21048               | 18.792  | ug/l # | 89       |
| 29) Tetrahydrofuran          | 7.344          | 42   | 38480               | 107.832 | ug/l   | 98       |
| 30) Chloroform               | 7.496          | 83   | 57322               | 21.381  | ug/l   | 99       |
| 31) Cyclohexane              | 7.777          | 56   | 46207               | 19.217  | ug/l # | 86       |
| 32) 1,1,1-Trichloroethane    | 7.697          | 97   | 50471               | 21.023  | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 7.911          | 75   | 41055               | 20.141  | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.069          | 43   | 27071               | 22.395  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.893          | 117  | 46356               | 21.758  | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.179          | 83   | 48059               | 19.921  | ug/l   | 92       |
| 40) Benzene                  | 8.155          | 78   | 123607              | 20.736  | ug/l   | 96       |

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 Operator : KP/MD  
 Sample : VY0705SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0705SBS02

Quant Time: Jul 06 04:48:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 17:35:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 13570    | 19.871  | ug/l # | 51       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 36464    | 21.325  | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 49309    | 22.218  | ug/l   | 96       |
| 44) Trichloroethene           | 8.935  | 130  | 35963    | 21.713  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 32699    | 21.656  | ug/l   | 100      |
| 46) Dibromomethane            | 9.301  | 93   | 18134    | 20.964  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.490  | 83   | 44473    | 21.710  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 20847    | 21.789  | ug/l # | 89       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 5194     | 430.756 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 132374   | 115.683 | ug/l   | 97       |
| 52) Toluene                   | 10.240 | 92   | 82137    | 21.840  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 44664    | 21.796  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 50439    | 20.615  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 26188    | 22.755  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 34377    | 23.402  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 45060    | 22.102  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 84561    | 103.969 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.825 | 43   | 90963    | 115.077 | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.983 | 129  | 31662    | 21.739  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 24360    | 21.083  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.715 | 164  | 38527    | 20.874  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.514 | 112  | 90270    | 21.280  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 34282    | 22.032  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.587 | 91   | 158008   | 21.472  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.697 | 106  | 124446   | 42.292  | ug/l   | 92       |
| 69) o-Xylene                  | 12.026 | 106  | 57125    | 20.572  | ug/l   | 95       |
| 70) Styrene                   | 12.038 | 104  | 100062   | 21.749  | ug/l   | 94       |
| 71) Bromoform                 | 12.203 | 173  | 20551    | 21.020  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 157938   | 20.050  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 43613    | 21.108  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 30770    | 20.166  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 42091    | 33.702  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 37156    | 19.788  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.666 | 91   | 197520   | 20.614  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 110899   | 20.504  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 134174   | 20.369  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 10918    | 19.464  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 113850   | 20.256  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 119486   | 21.590  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 133880   | 21.388  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 177150   | 21.252  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 149471   | 21.324  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 77523    | 20.897  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 77553    | 20.316  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.690 | 91   | 139181   | 21.132  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 28548    | 20.542  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 70869    | 21.063  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 4973     | 19.447  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 40981    | 20.519  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 23331    | 20.809  | ug/l   | 97       |
| 95) Naphthalene               | 15.233 | 128  | 77275    | 19.324  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 34285    | 19.759  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070522\  
Data File : VY009433.D  
Acq On : 05 Jul 2022 13:32  
Operator : KP/MD  
Sample : VY0705SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

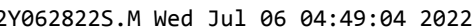
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

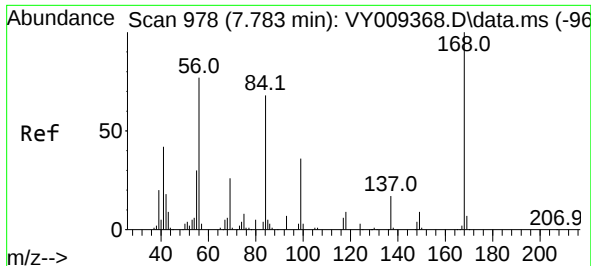
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 17:35:34 2022  
Response via : Initial Calibration

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

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

Quant Time: Jul 06 04:48:58 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062822S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 17:35:34 2022  
Response via : Initial Calibration

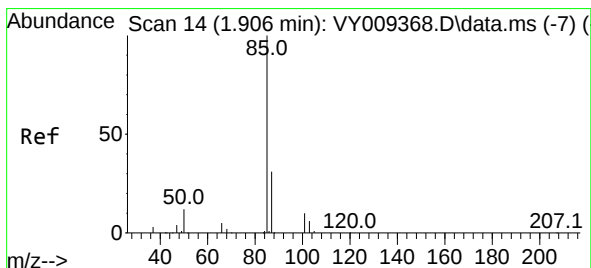
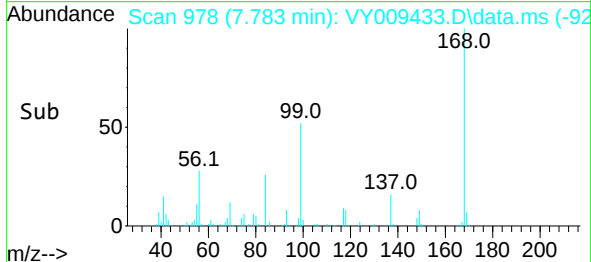
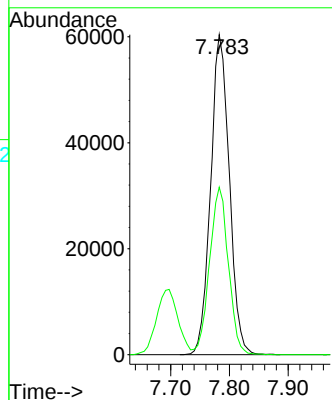
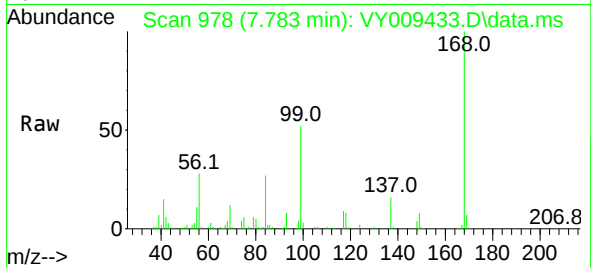




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

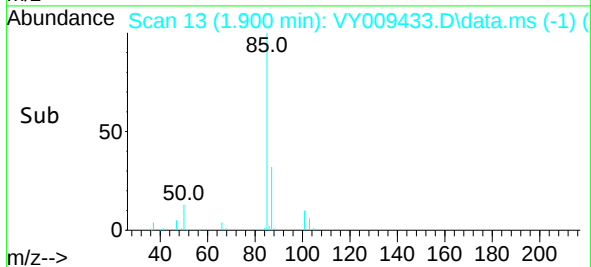
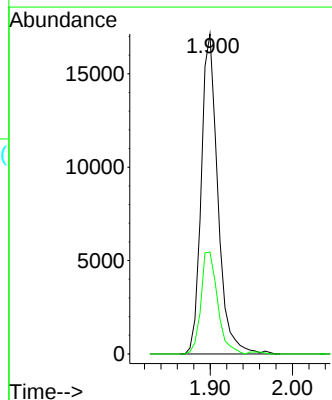
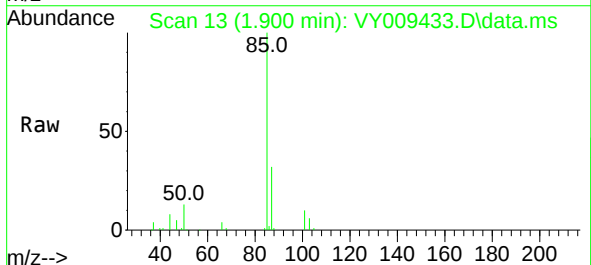
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

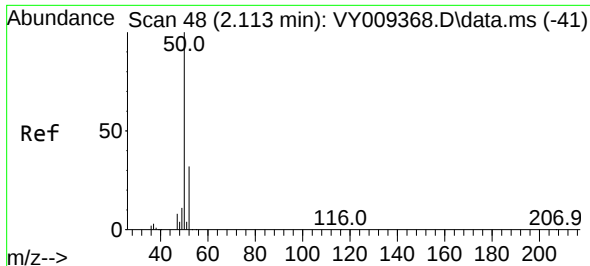
Tgt Ion:168 Resp: 133468  
Ion Ratio Lower Upper  
168 100  
99 52.3 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 21.846 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 85 Resp: 24004  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.1 48.2

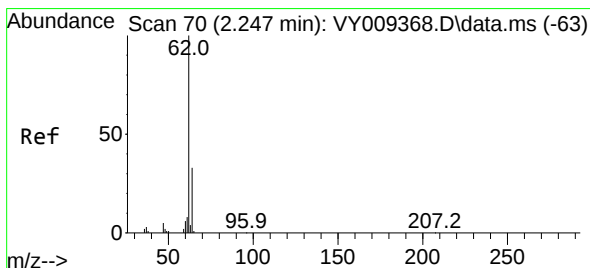
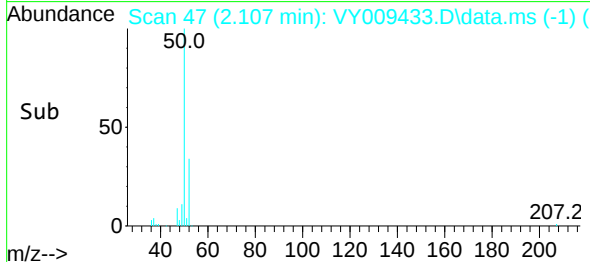
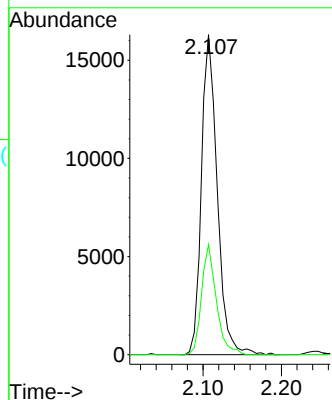
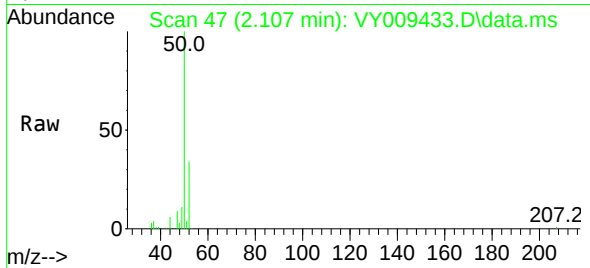




#3  
Chloromethane  
Concen: 19.120 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

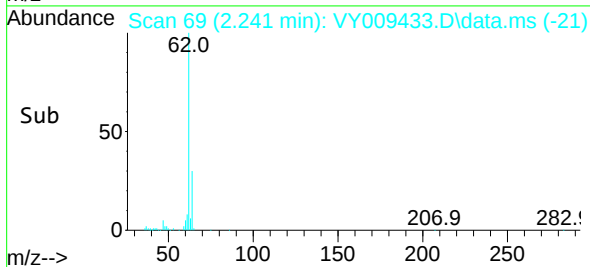
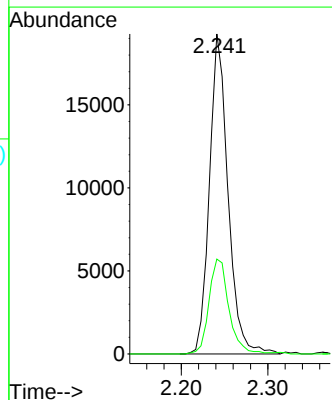
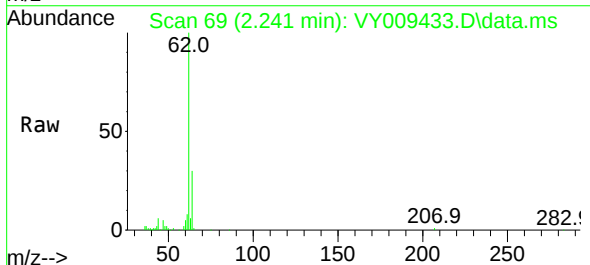
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

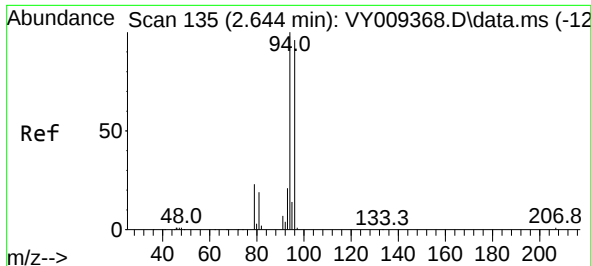
Tgt Ion: 50 Resp: 22860  
Ion Ratio Lower Upper  
50 100  
52 34.4 24.6 37.0



#4  
Vinyl Chloride  
Concen: 20.762 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 62 Resp: 28715  
Ion Ratio Lower Upper  
62 100  
64 29.7 25.0 37.6

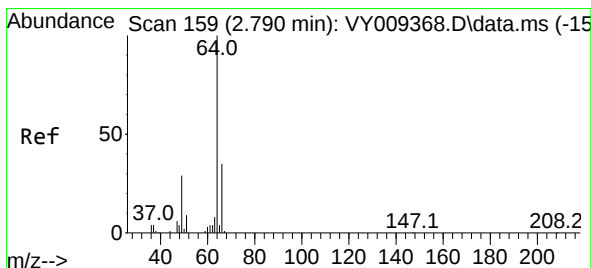
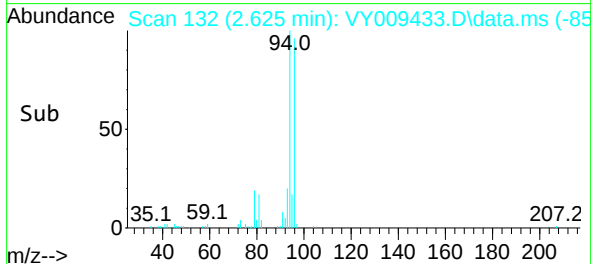
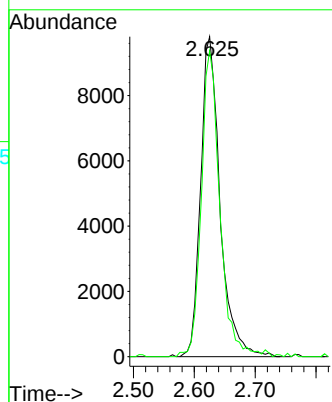
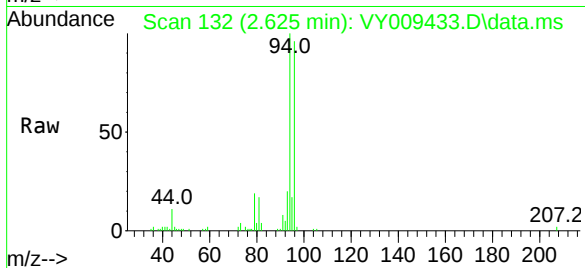




#5  
Bromomethane  
Concen: 24.474 ug/l  
RT: 2.625 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

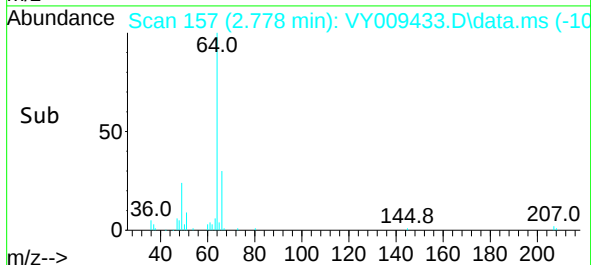
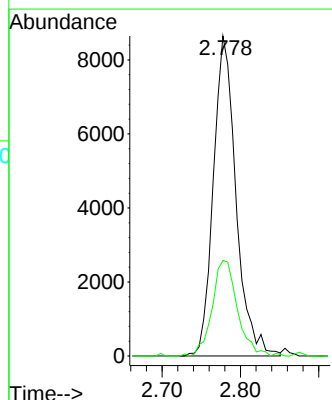
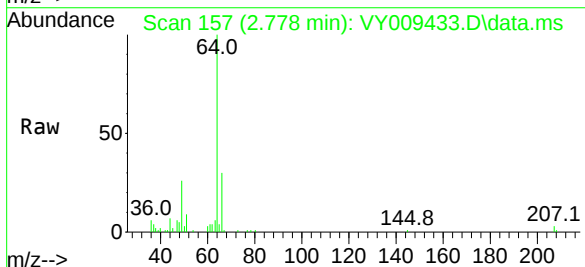
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

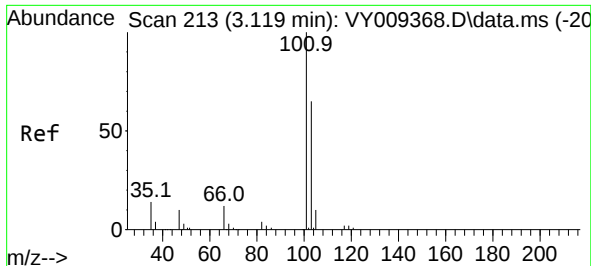
Tgt Ion: 94 Resp: 21720  
Ion Ratio Lower Upper  
94 100  
96 95.1 73.5 110.3



#6  
Chloroethane  
Concen: 23.548 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 64 Resp: 17365  
Ion Ratio Lower Upper  
64 100  
66 29.9 25.4 38.0

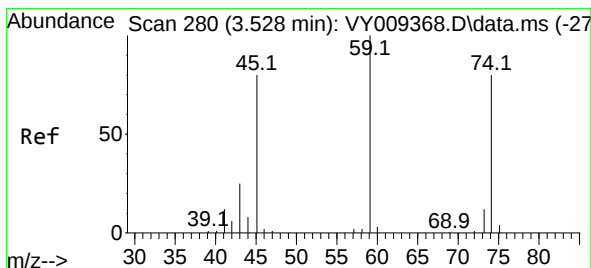
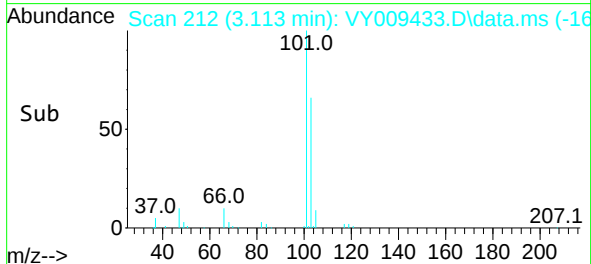
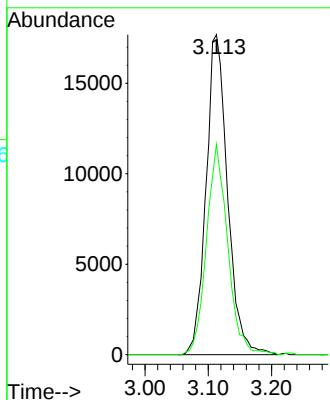
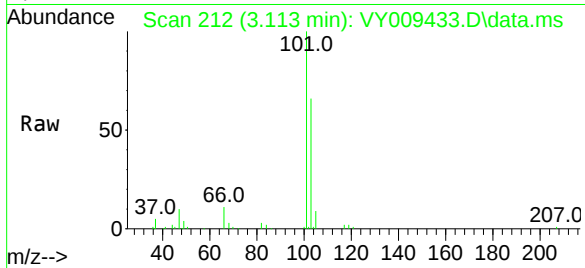




#7  
Trichlorofluoromethane  
Concen: 22.817 ug/l  
RT: 3.113 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

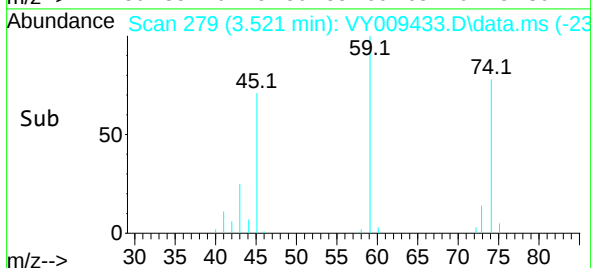
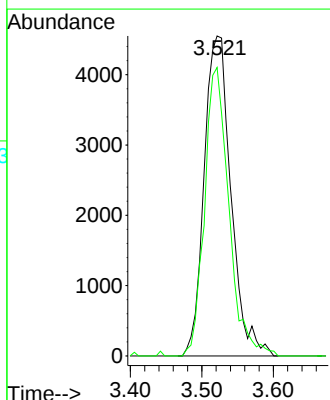
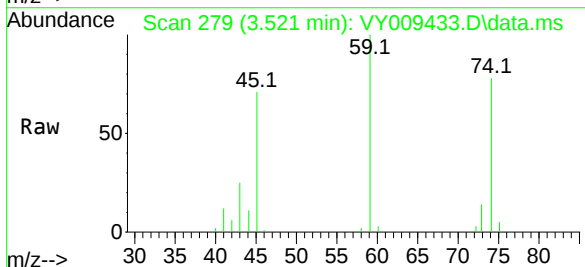
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

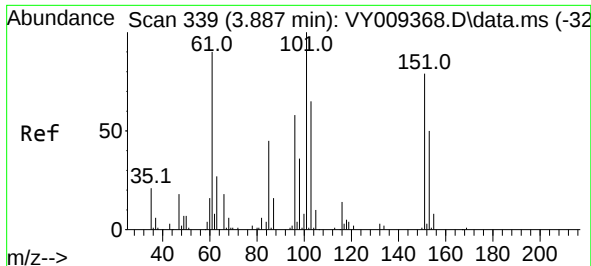
Tgt Ion:101 Resp: 41867  
Ion Ratio Lower Upper  
101 100  
103 65.8 48.0 72.0



#8  
Diethyl Ether  
Concen: 16.524 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 74 Resp: 11847  
Ion Ratio Lower Upper  
74 100  
45 82.1 55.1 165.5

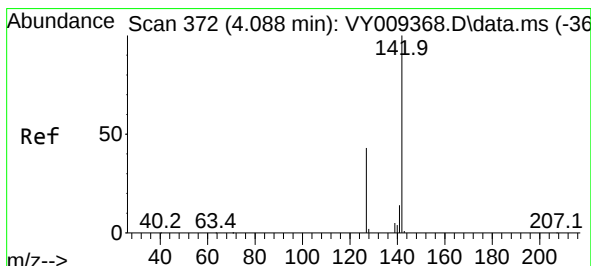
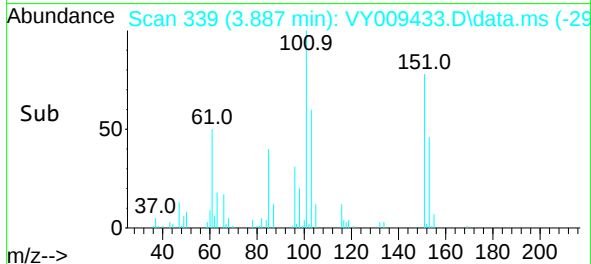
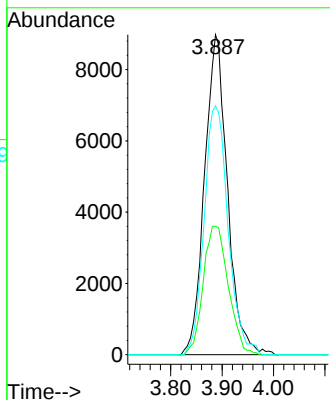
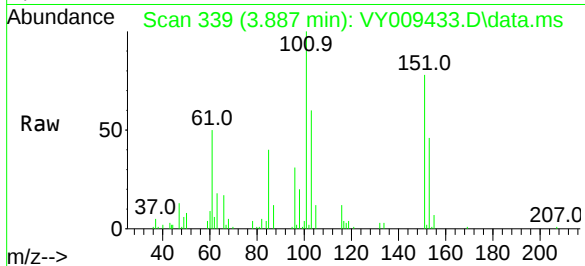




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.131 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

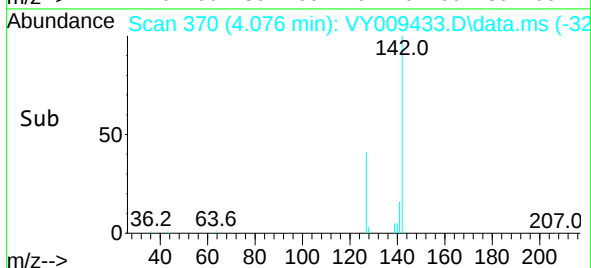
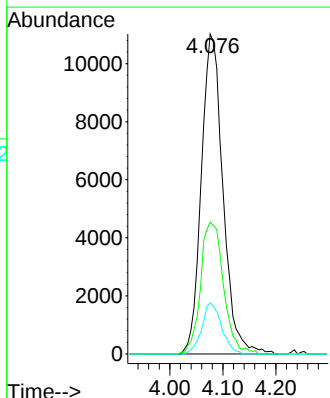
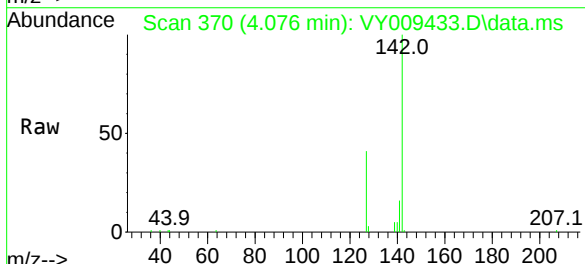
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

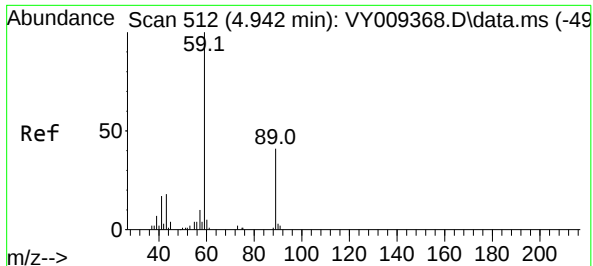
Tgt Ion:101 Resp: 27794  
Ion Ratio Lower Upper  
101 100  
85 44.0 40.6 60.8  
151 81.5 64.9 97.3



#10  
Methyl Iodide  
Concen: 21.583 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

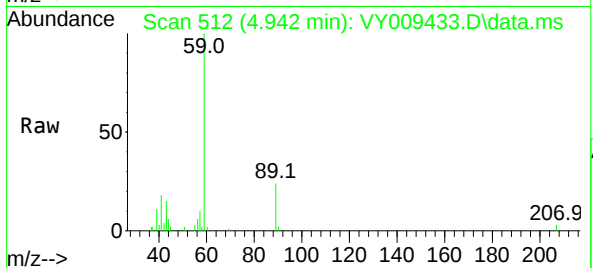
Tgt Ion:142 Resp: 31162  
Ion Ratio Lower Upper  
142 100  
127 43.8 41.5 62.3  
141 14.6 11.9 17.9



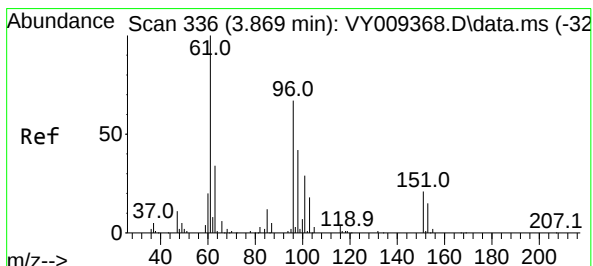
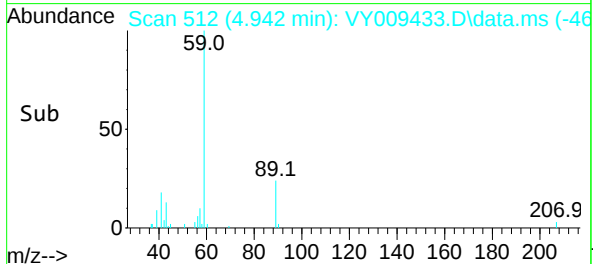
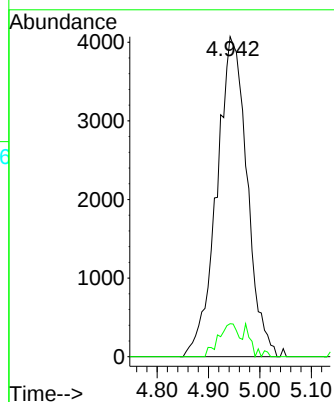


#11  
Tert butyl alcohol  
Concen: 57.806 ug/l  
RT: 4.942 min Scan# 512  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

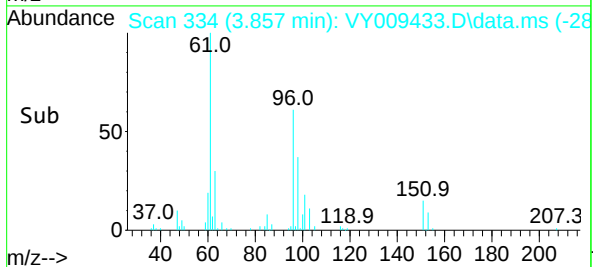
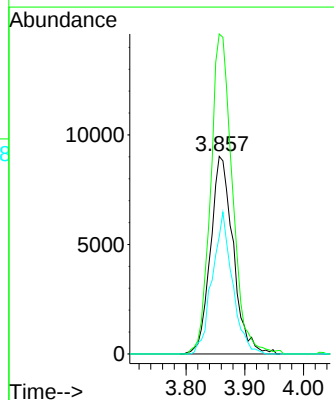
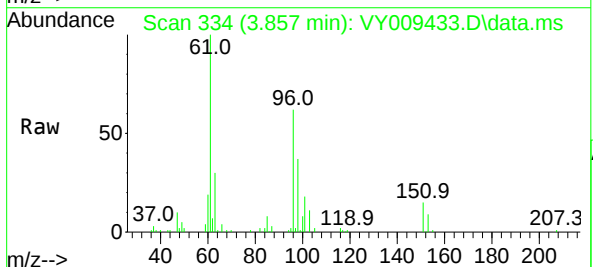


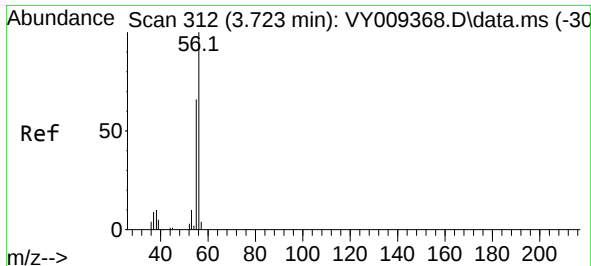
Tgt Ion: 59 Resp: 16705  
Ion Ratio Lower Upper  
59 100  
57 7.0 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 20.162 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 96 Resp: 24190  
Ion Ratio Lower Upper  
96 100  
61 161.9 145.8 218.6  
98 59.4 52.5 78.7





#13

Acrolein

Concen: 65.981 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

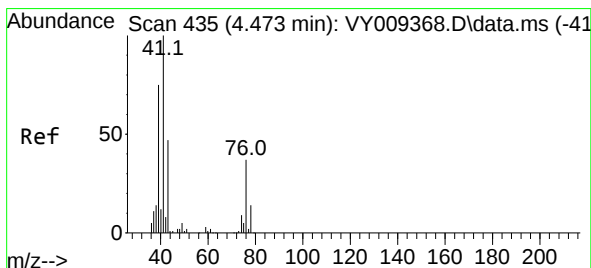
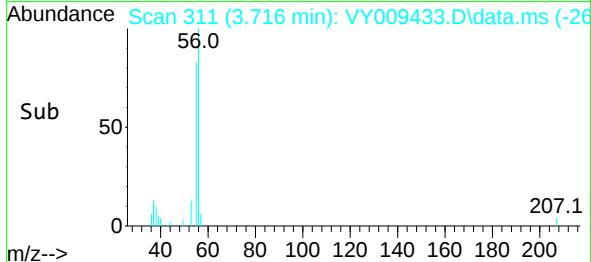
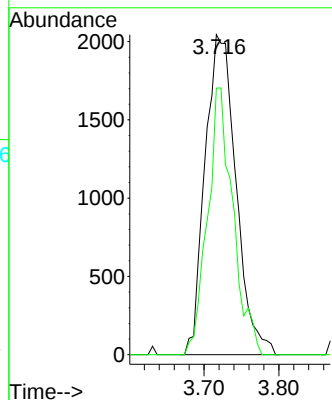
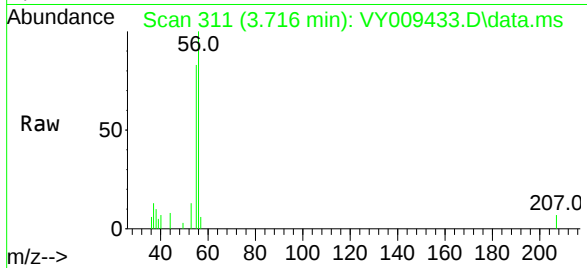
VY0705SBSD02

Tgt Ion: 56 Resp: 5887

Ion Ratio Lower Upper

56 100

55 68.6 57.6 86.4



#14

Allyl chloride

Concen: 20.108 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.001 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

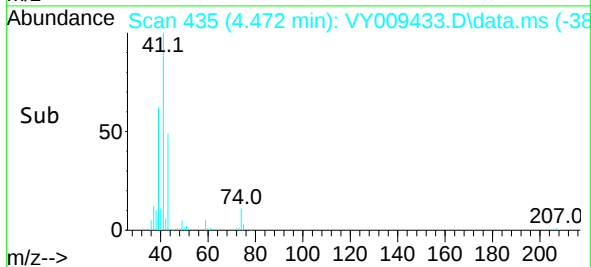
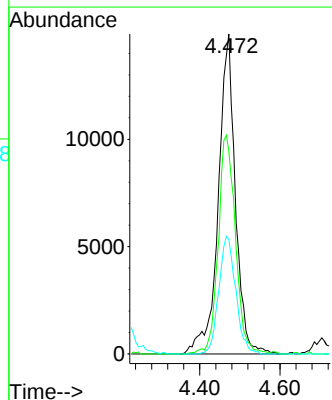
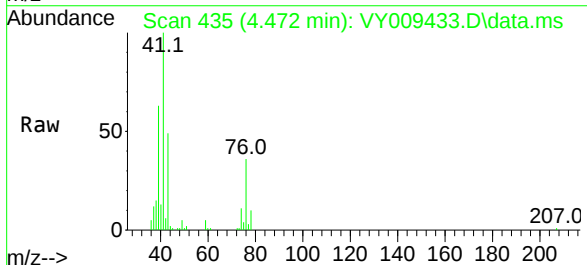
Tgt Ion: 41 Resp: 44207

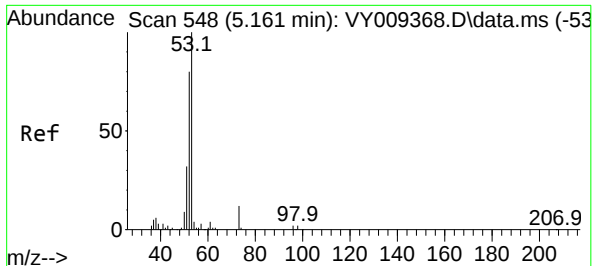
Ion Ratio Lower Upper

41 100

39 68.9 58.8 88.2

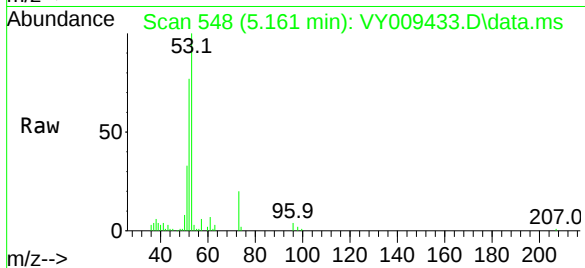
76 36.3 25.1 37.7





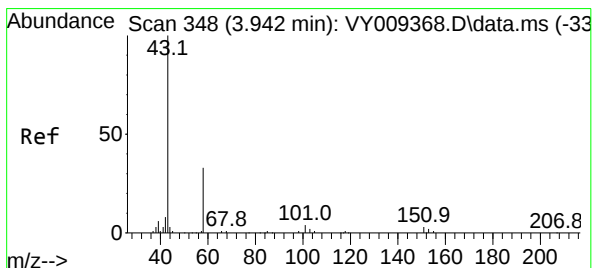
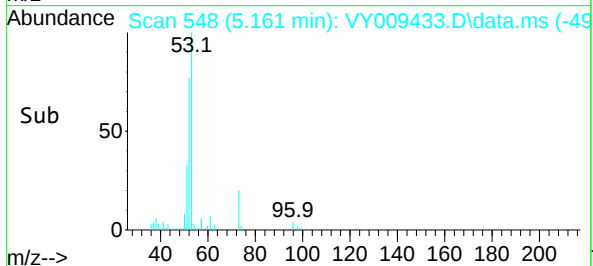
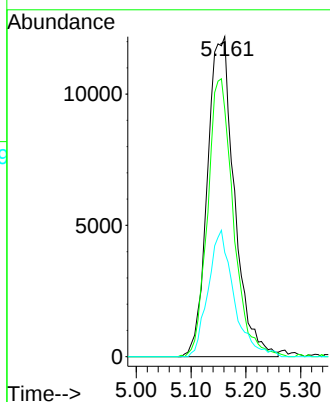
#15  
Acrylonitrile  
Concen: 102.512 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. 0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02



Tgt Ion: 53 Resp: 41635

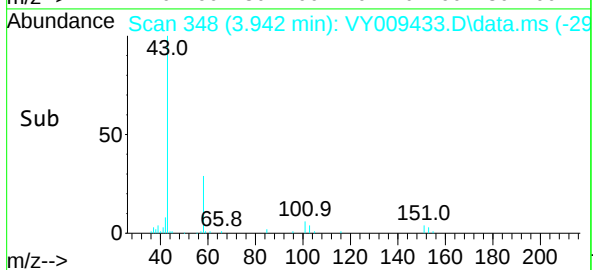
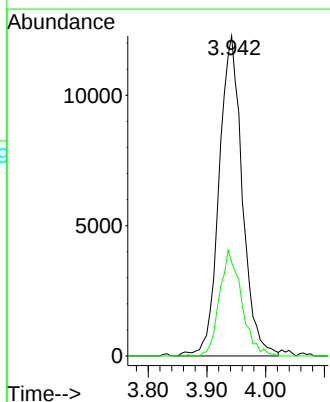
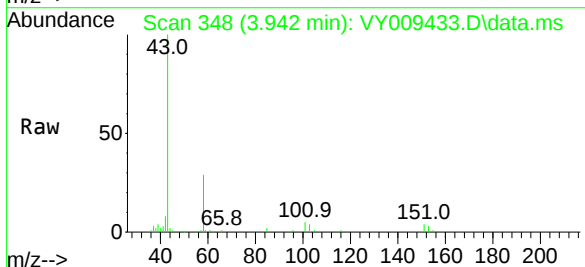
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.7  | 67.0  | 100.4 |
| 51  | 37.8  | 29.8  | 44.6  |

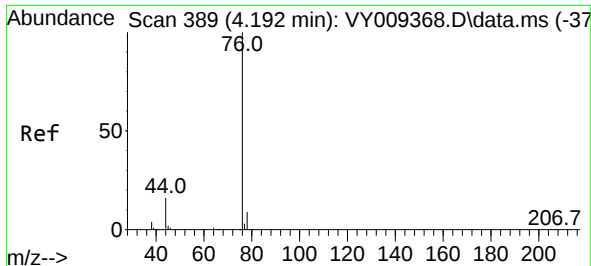


#16  
Acetone  
Concen: 96.064 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 43 Resp: 33727

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.2  | 22.0  | 33.0  |

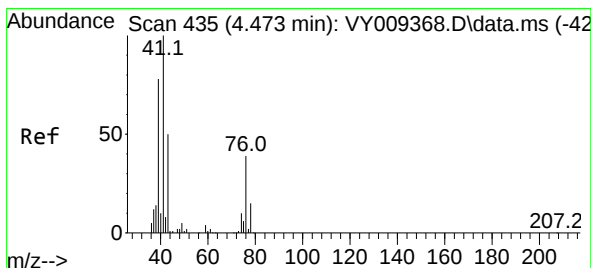
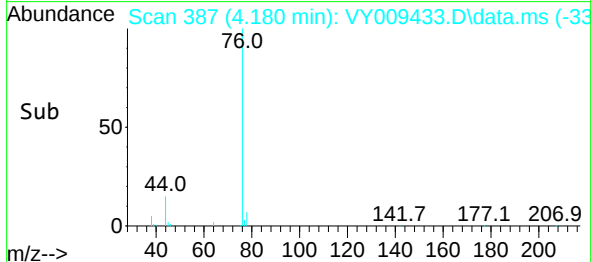
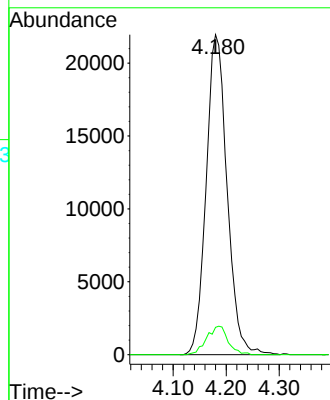
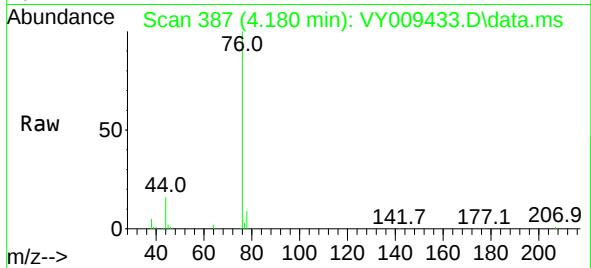




#17  
Carbon Disulfide  
Concen: 17.997 ug/l  
RT: 4.180 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

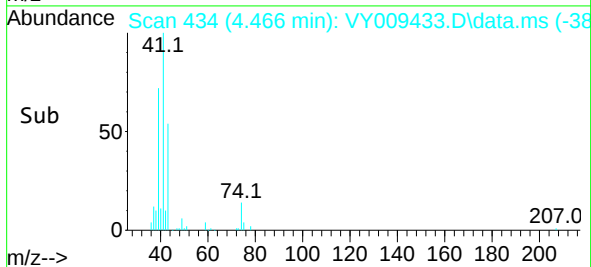
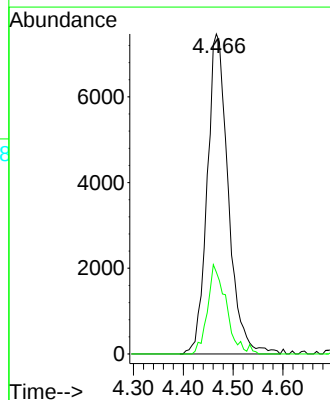
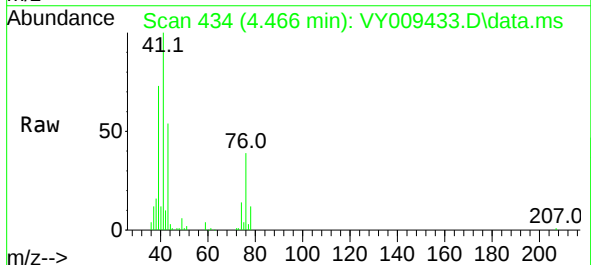
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

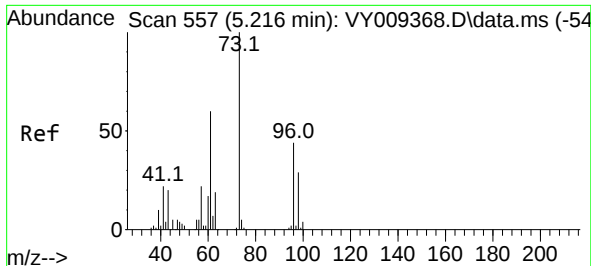
Tgt Ion: 76 Resp: 60063  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 21.498 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.007 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 43 Resp: 21895  
Ion Ratio Lower Upper  
43 100  
74 24.4 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 20.780 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

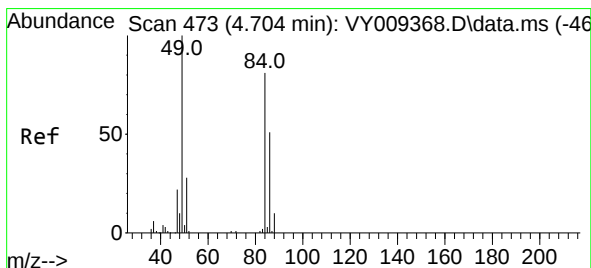
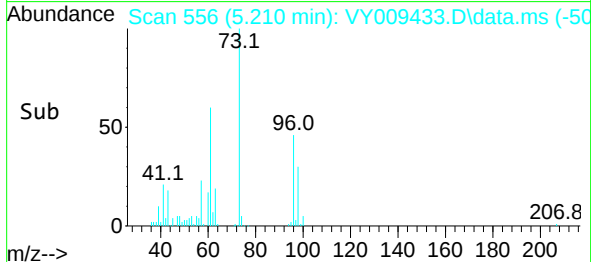
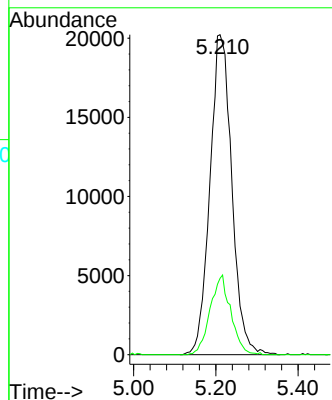
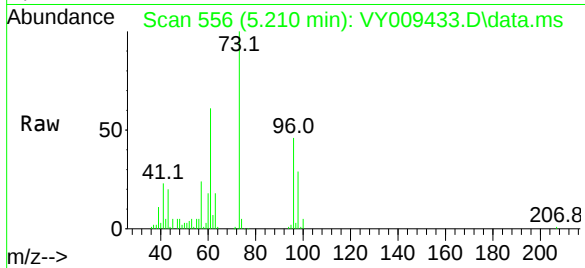
VY0705SBS02

Tgt Ion: 73 Resp: 74770

Ion Ratio Lower Upper

73 100

57 23.9 18.6 27.8



#20

Methylene Chloride

Concen: 20.936 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Tgt Ion: 84 Resp: 40253

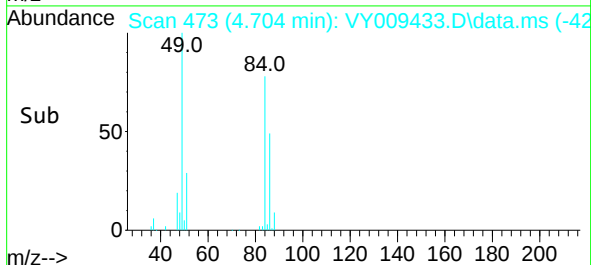
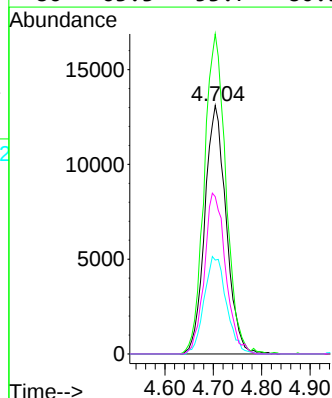
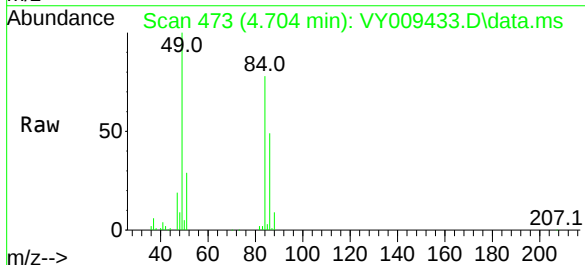
Ion Ratio Lower Upper

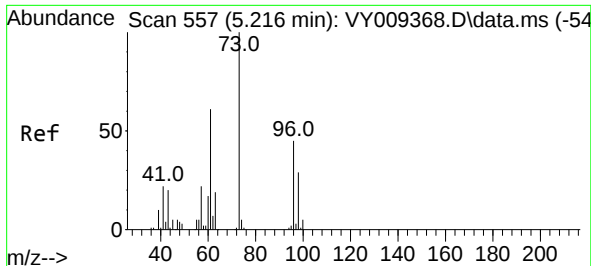
84 100

49 128.8 114.4 171.6

51 37.8 35.3 52.9

86 63.3 53.7 80.5

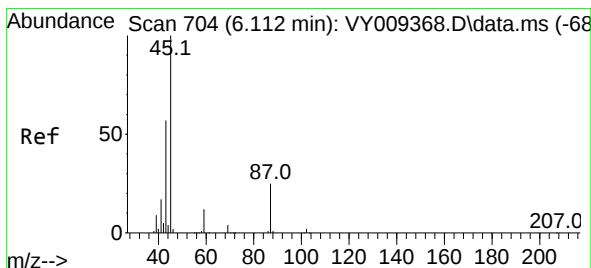
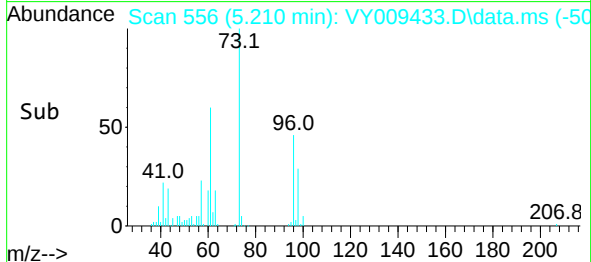
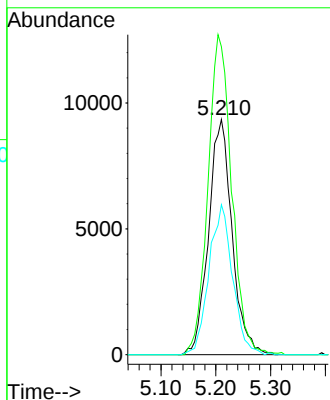
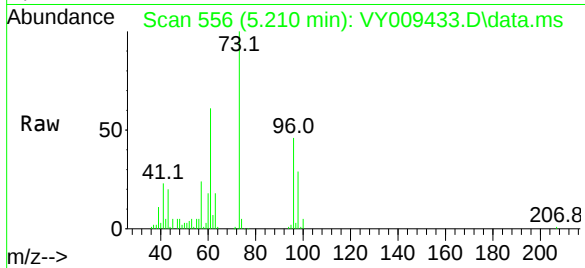




#21  
trans-1,2-Dichloroethene  
Concen: 19.411 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

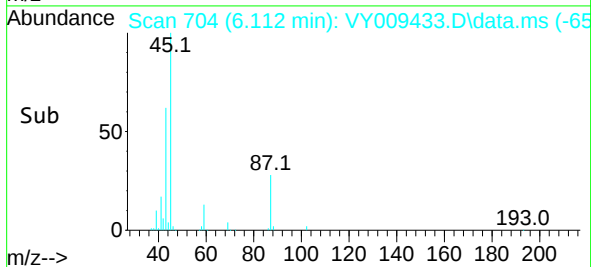
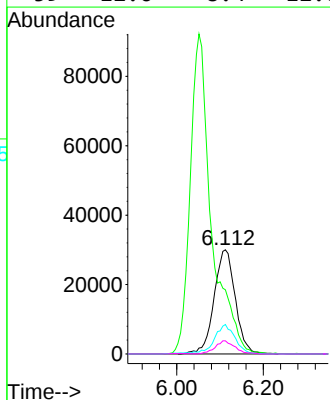
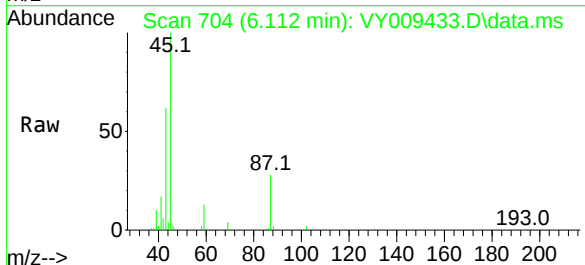
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

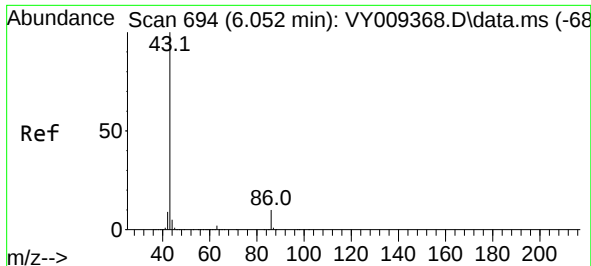
Tgt Ion: 96 Resp: 27882  
Ion Ratio Lower Upper  
96 100  
61 130.9 120.5 180.7  
98 63.7 49.8 74.8



#22  
Diisopropyl ether  
Concen: 22.051 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 45 Resp: 102306  
Ion Ratio Lower Upper  
45 100  
43 61.4 49.3 73.9  
87 28.4 19.2 28.8  
59 12.6 8.4 12.6#

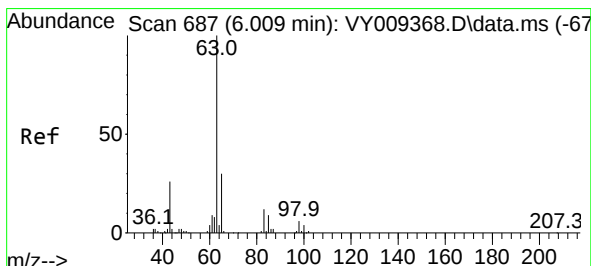
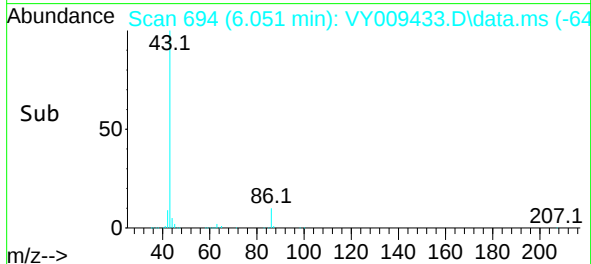
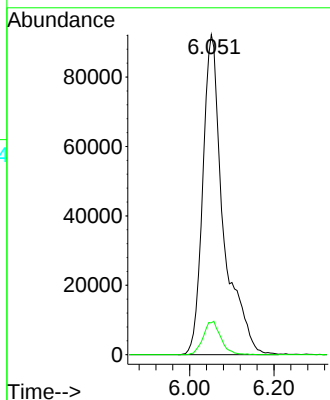
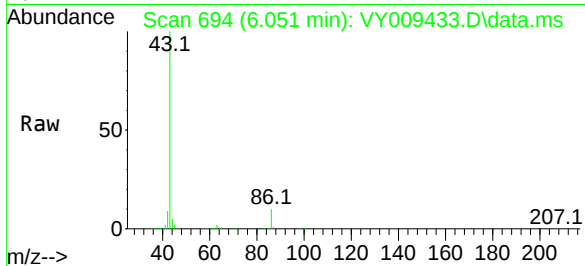




#23  
 Vinyl Acetate  
 Concen: 107.672 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY009433.D  
 Acq: 05 Jul 2022 13:32

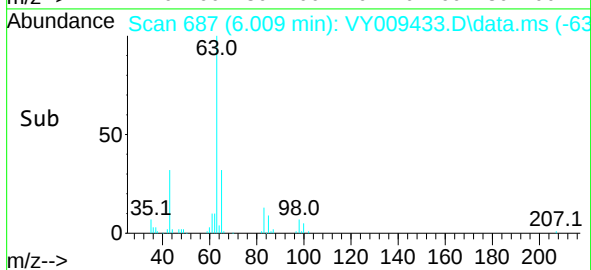
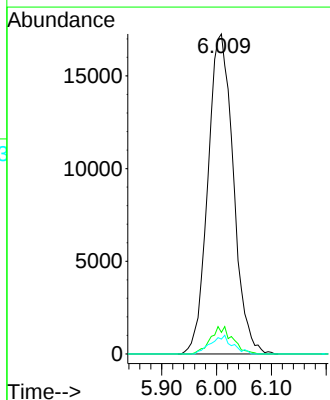
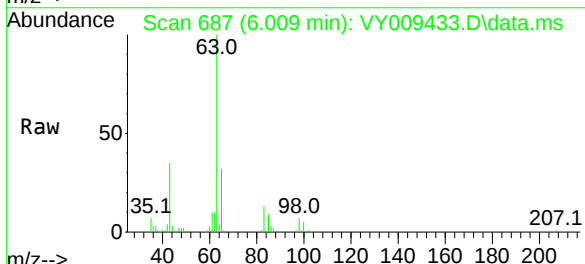
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0705SBS02

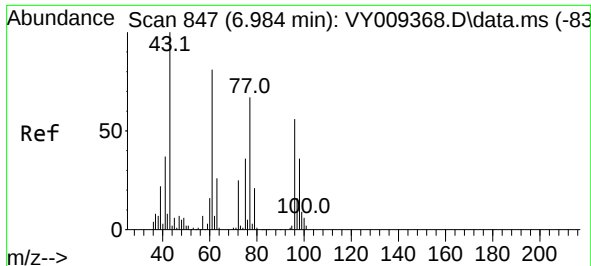
Tgt Ion: 43 Resp: 312933  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 21.317 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY009433.D  
 Acq: 05 Jul 2022 13:32

Tgt Ion: 63 Resp: 55605  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.6 10.8  
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 101.991 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

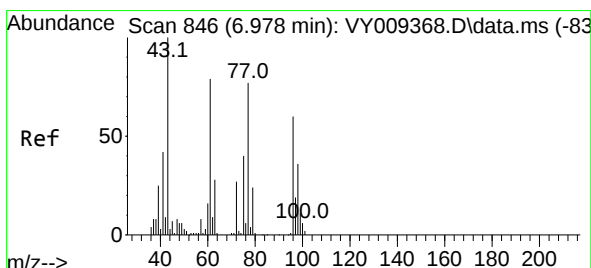
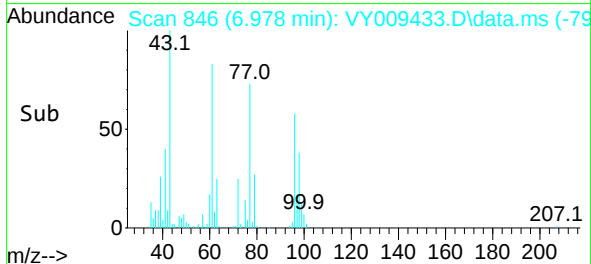
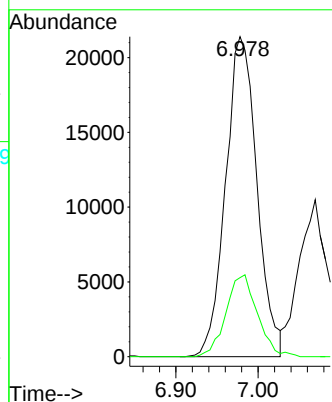
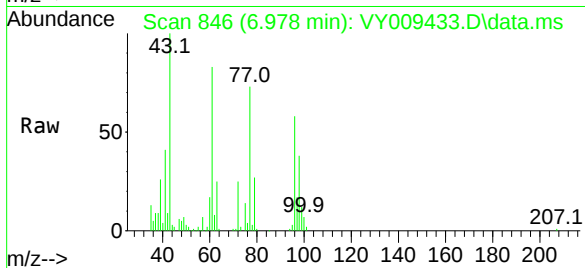
VY0705SBSD02

Tgt Ion: 43 Resp: 56769

Ion Ratio Lower Upper

43 100

72 24.7 17.7 26.5



#26

2,2-Dichloropropane

Concen: 20.281 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009433.D

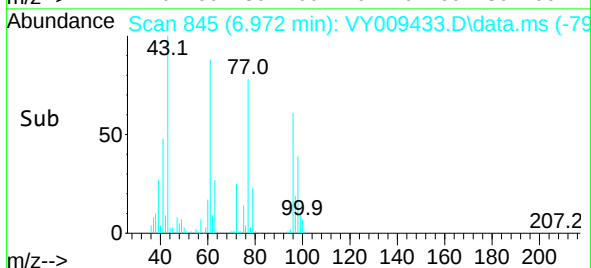
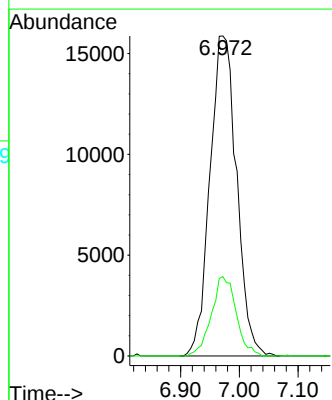
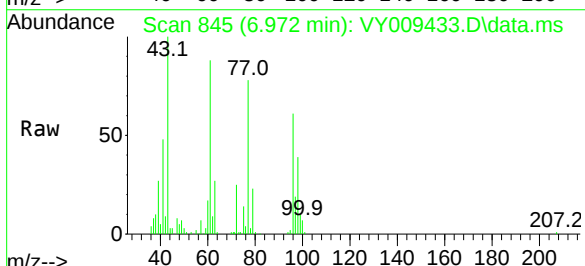
Acq: 05 Jul 2022 13:32

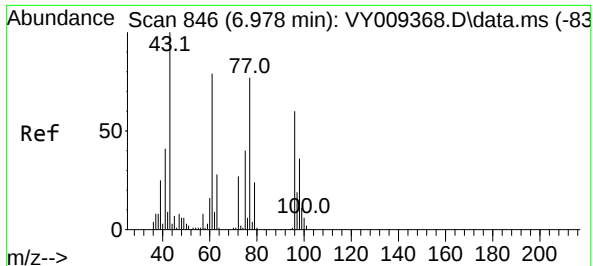
Tgt Ion: 77 Resp: 50070

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4

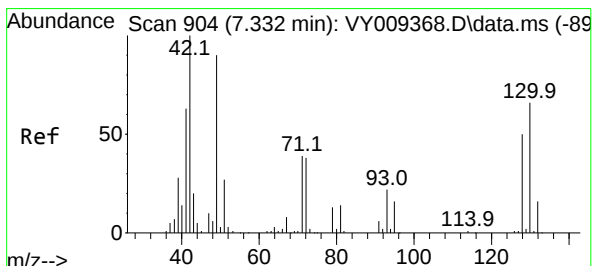
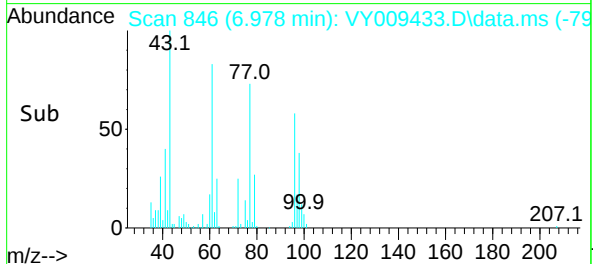
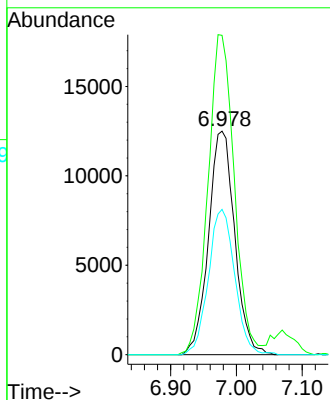
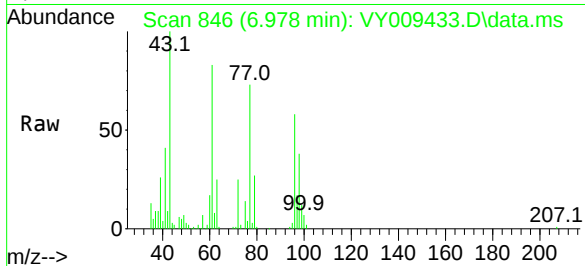




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.770 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY009433.D  
 Acq: 05 Jul 2022 13:32

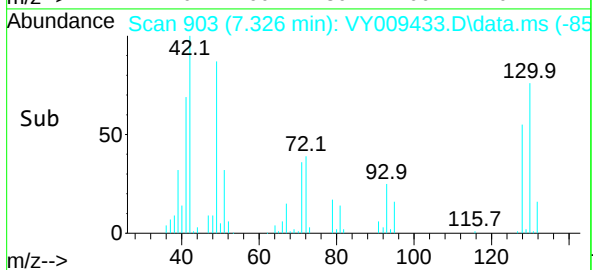
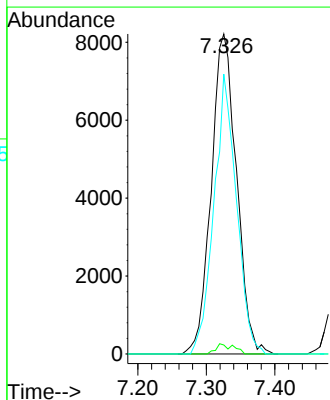
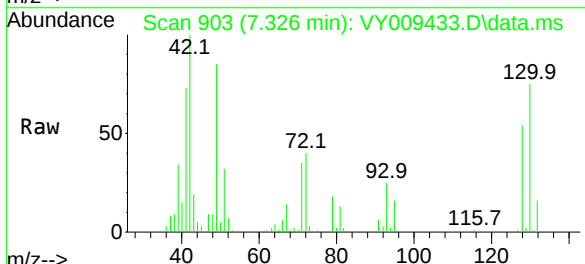
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0705SBS02

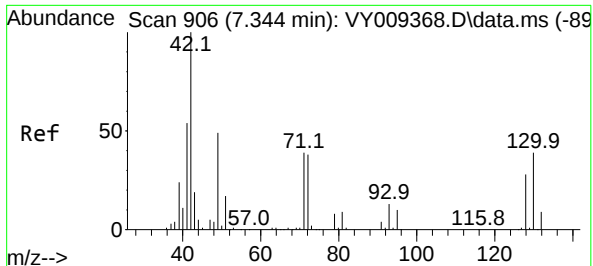
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 34660 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.9 | 0.0   | 319.8 |
| 98       | 65.4  | 0.0   | 127.0 |



#28  
 Bromochloromethane  
 Concen: 18.792 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.000 min  
 Lab File: VY009433.D  
 Acq: 05 Jul 2022 13:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 21048 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.2   | 0.0   | 2.2#  |
| 130      | 77.9  | 55.4  | 83.0  |

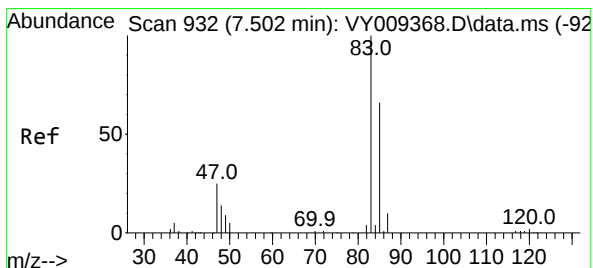
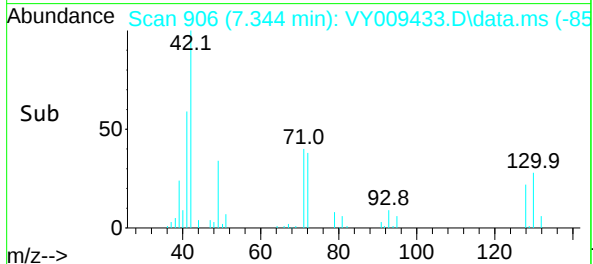
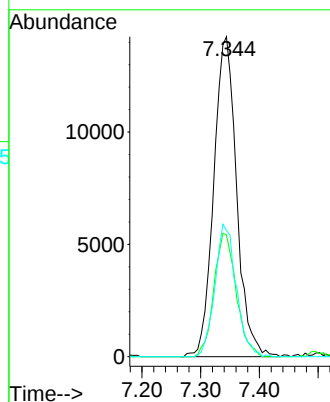
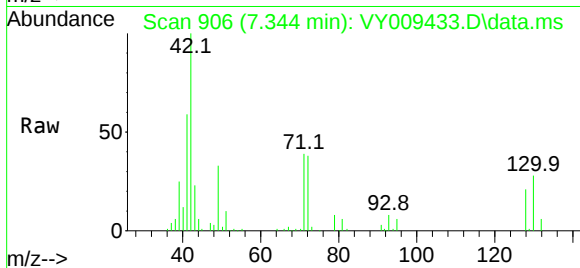




#29  
Tetrahydrofuran  
Concen: 107.832 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

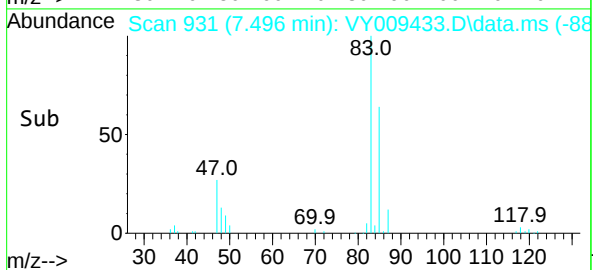
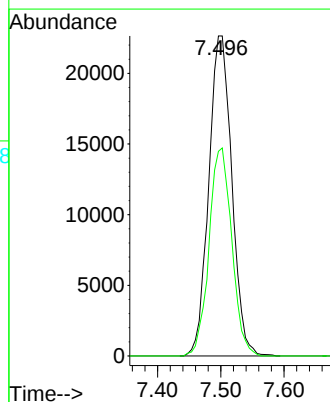
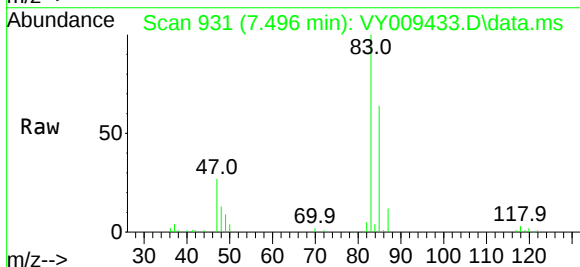
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

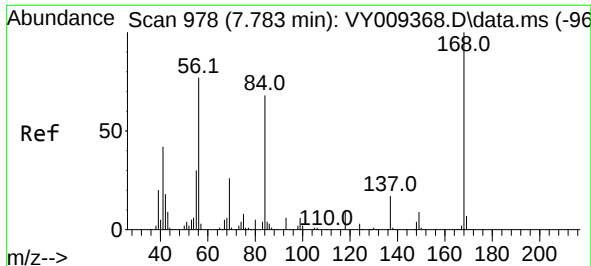
Tgt Ion: 42 Resp: 38480  
Ion Ratio Lower Upper  
42 100  
72 37.6 30.3 45.5  
71 38.6 29.0 43.4



#30  
Chloroform  
Concen: 21.381 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 83 Resp: 57322  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.8 77.6

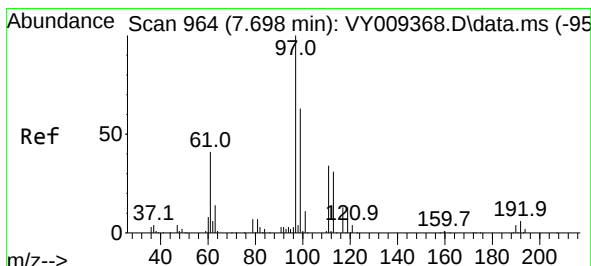
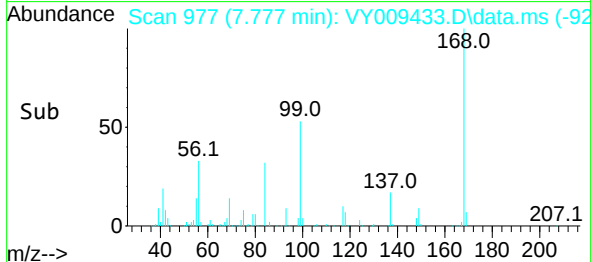
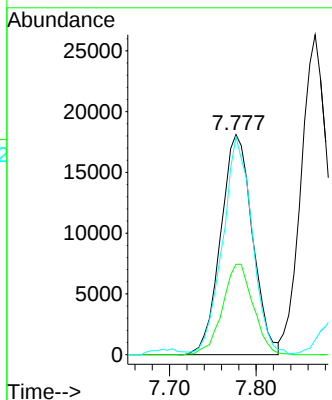
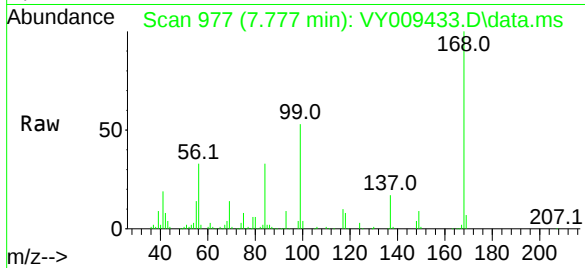




#31  
Cyclohexane  
Concen: 19.217 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

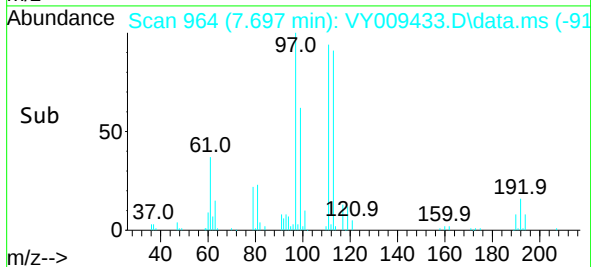
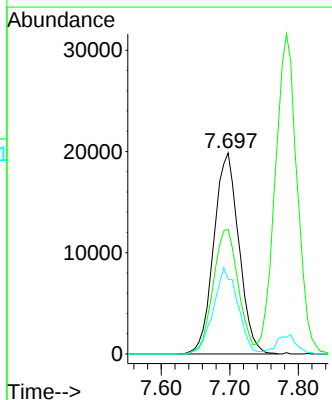
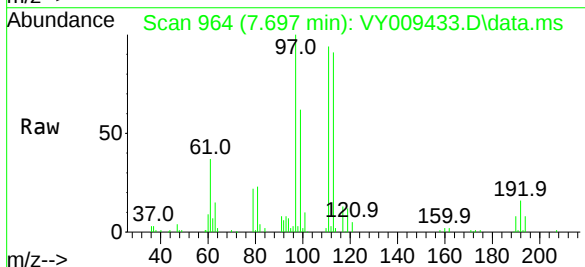
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

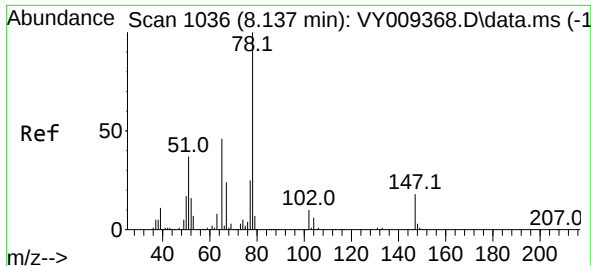
Tgt Ion: 56 Resp: 46207  
Ion Ratio Lower Upper  
56 100  
69 41.1 26.7 40.1#  
84 97.5 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 21.023 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 97 Resp: 50471  
Ion Ratio Lower Upper  
97 100  
99 62.1 50.7 76.1  
61 41.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.364 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

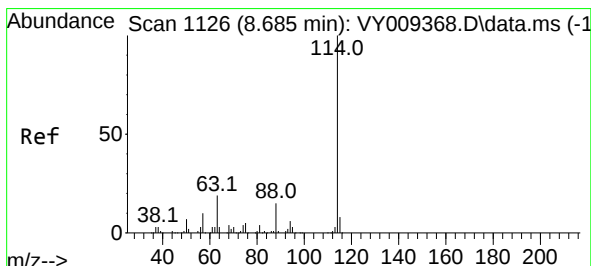
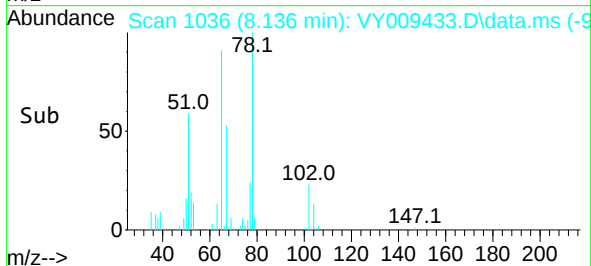
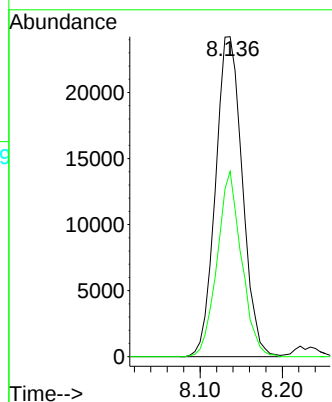
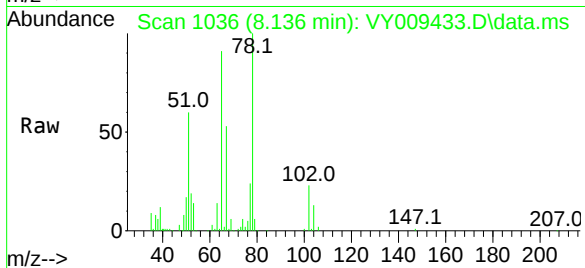
VY0705SBS02

Tgt Ion: 65 Resp: 54909

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

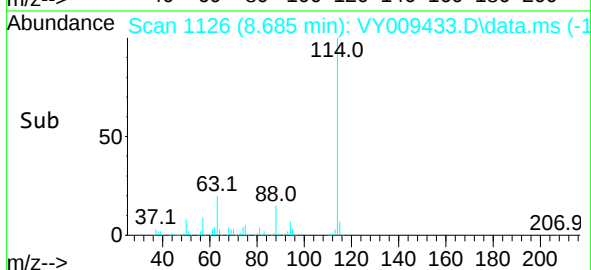
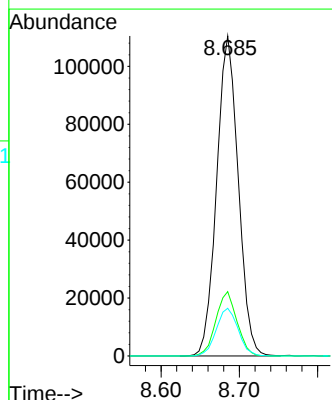
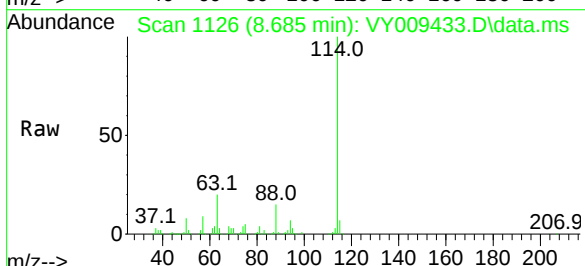
Tgt Ion: 114 Resp: 211814

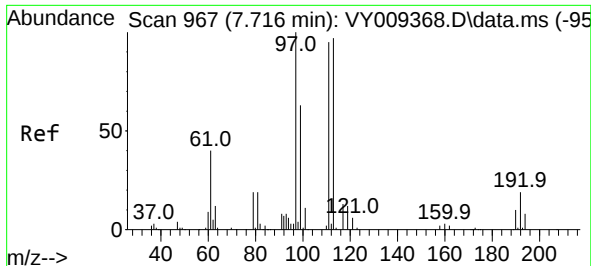
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 14.9 0.0 31.8

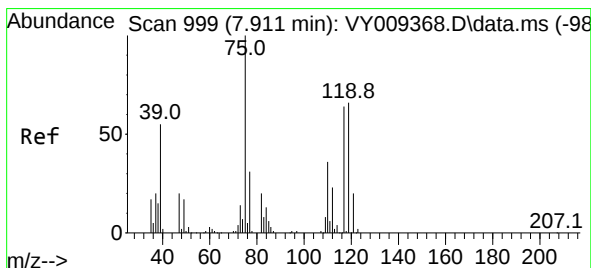
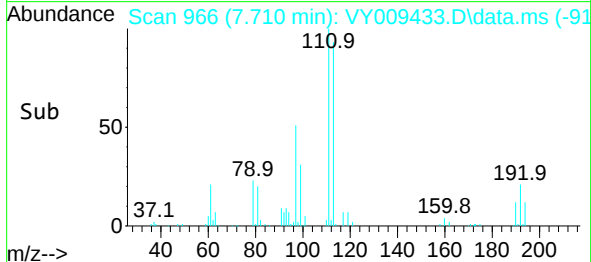
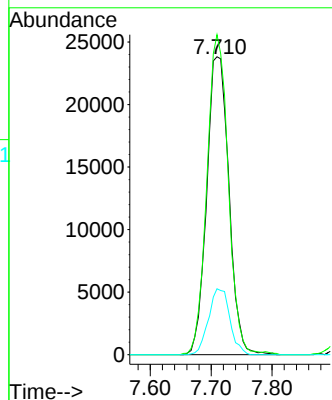
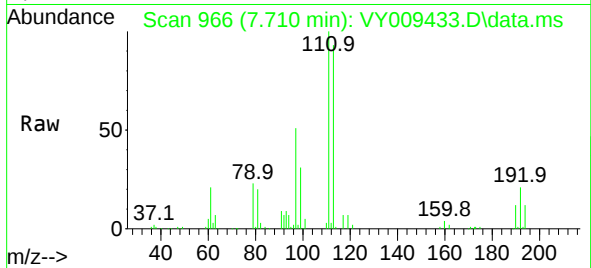




#35  
Dibromofluoromethane  
Concen: 51.838 ug/l  
RT: 7.710 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

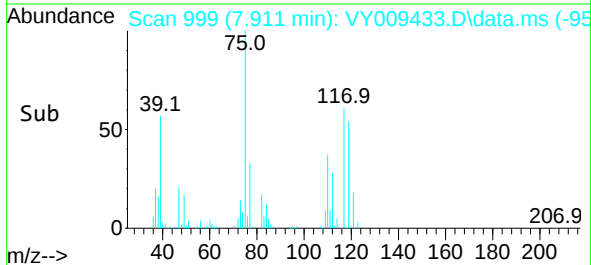
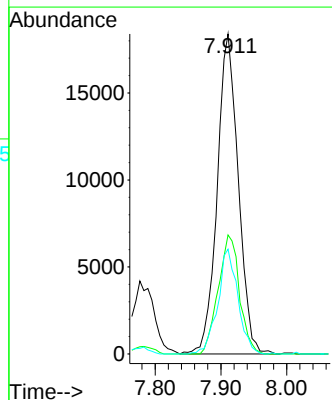
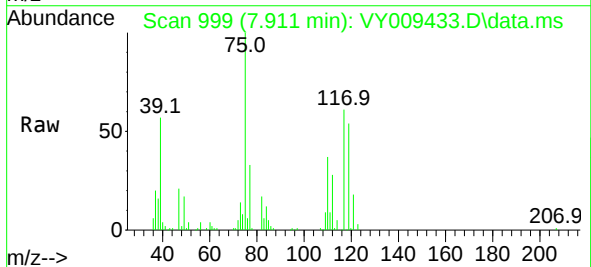
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

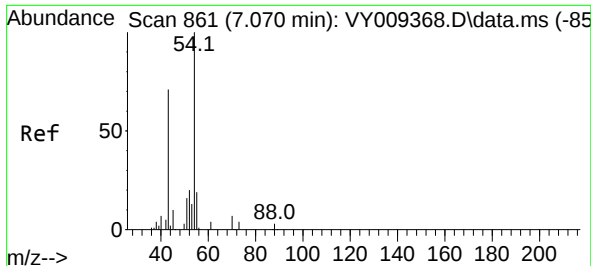
Tgt Ion:113 Resp: 60431  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.6 124.0  
192 21.2 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 20.141 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 75 Resp: 41055  
Ion Ratio Lower Upper  
75 100  
110 37.5 17.1 51.2  
77 31.3 24.4 36.6

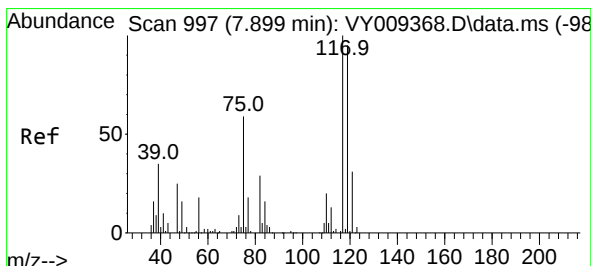
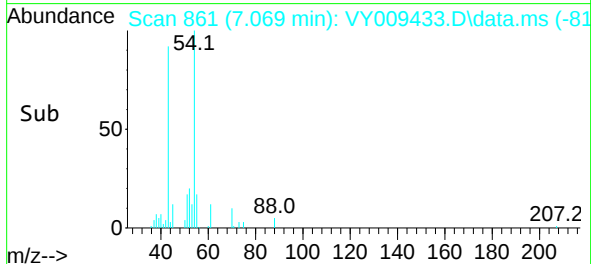
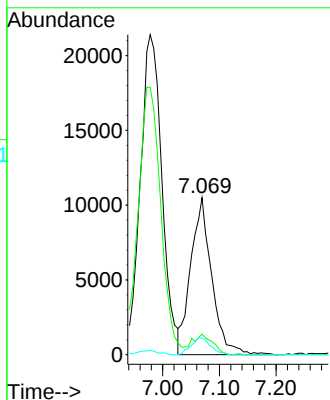
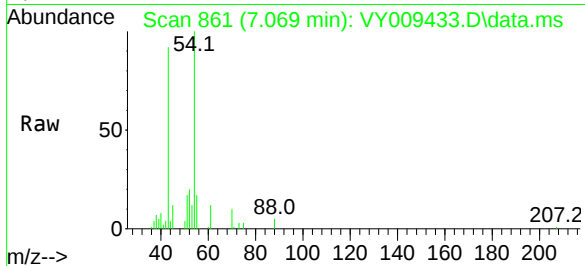




#37  
Ethyl Acetate  
Concen: 22.395 ug/l  
RT: 7.069 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

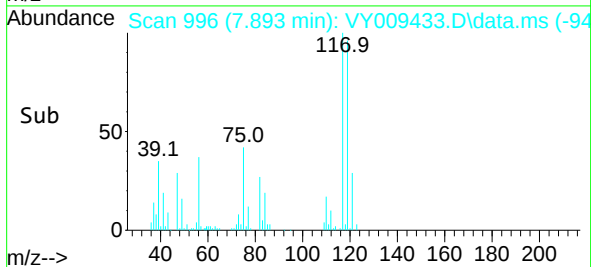
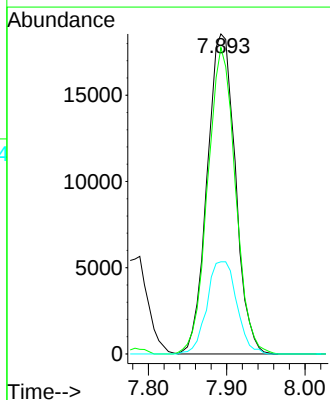
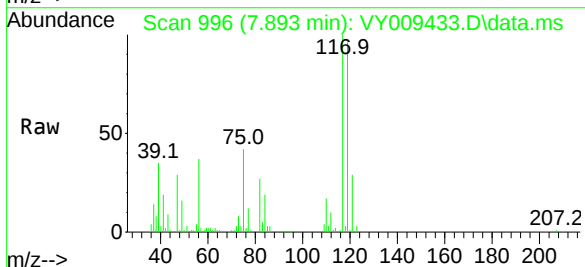
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

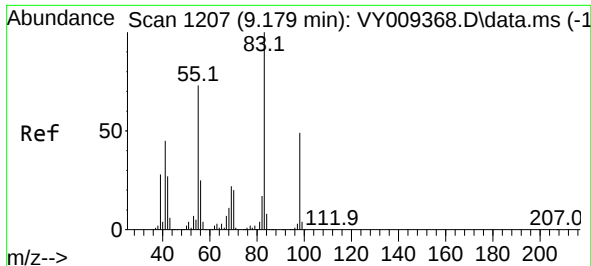
Tgt Ion: 43 Resp: 27071  
Ion Ratio Lower Upper  
43 100  
61 12.4 9.7 14.5  
70 10.0 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 21.758 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 117 Resp: 46356  
Ion Ratio Lower Upper  
117 100  
119 95.7 77.9 116.9  
121 28.8 24.8 37.2





#39

Methylcyclohexane

Concen: 19.921 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0705SBSD02

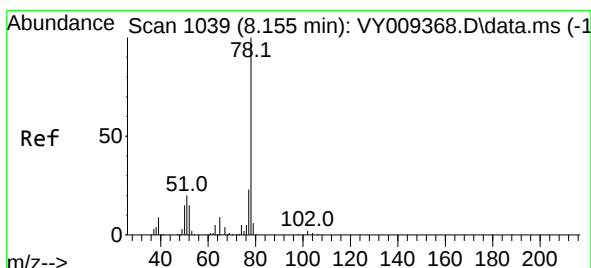
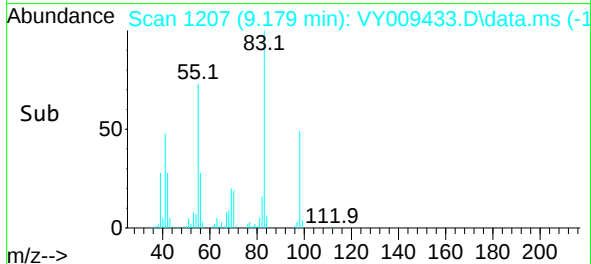
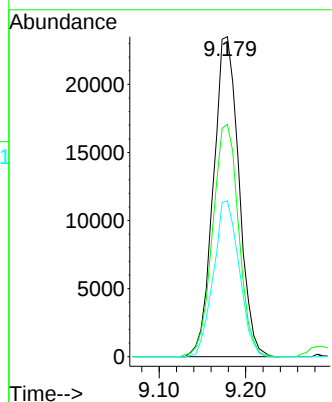
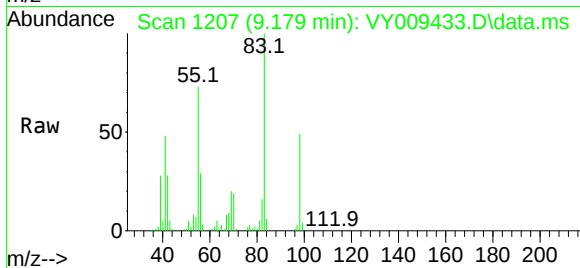
Tgt Ion: 83 Resp: 48059

Ion Ratio Lower Upper

83 100

55 72.6 66.5 99.7

98 48.7 37.9 56.9



#40

Benzene

Concen: 20.736 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009433.D

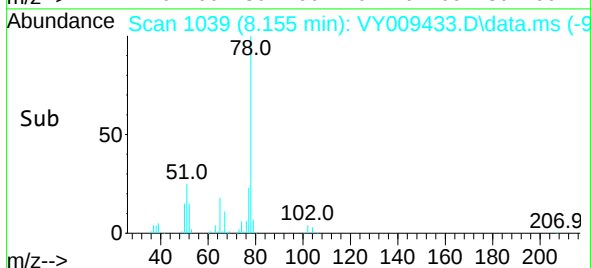
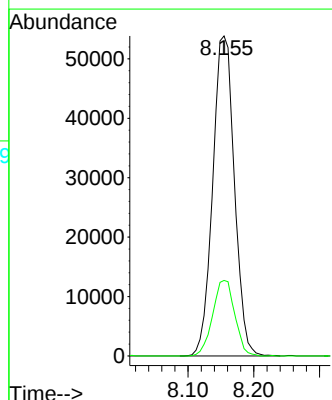
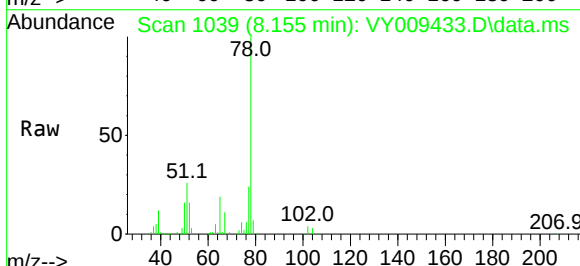
Acq: 05 Jul 2022 13:32

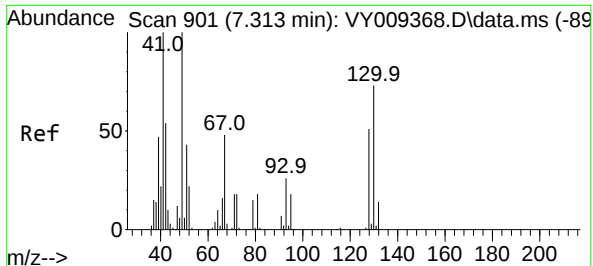
Tgt Ion: 78 Resp: 123607

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

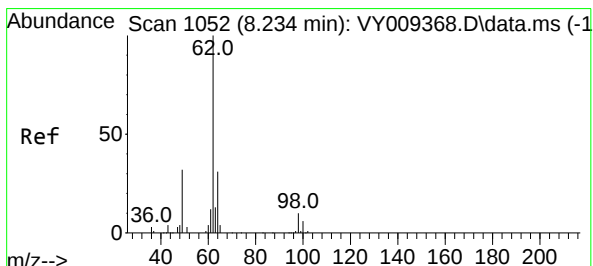
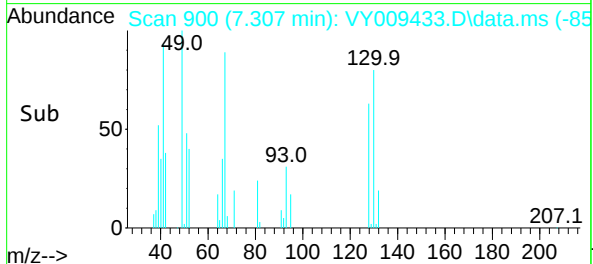
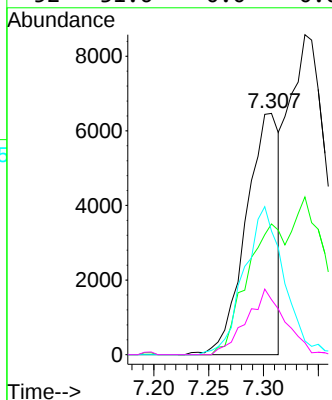
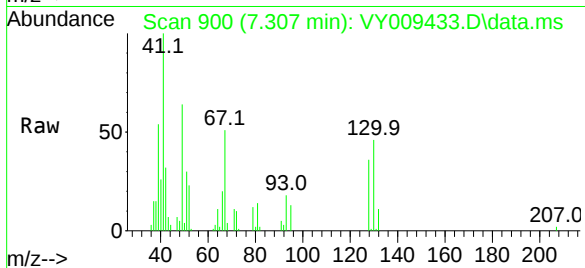




#41  
Methacrylonitrile  
Concen: 19.871 ug/l  
RT: 7.307 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

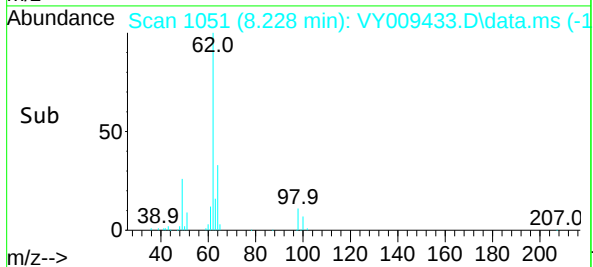
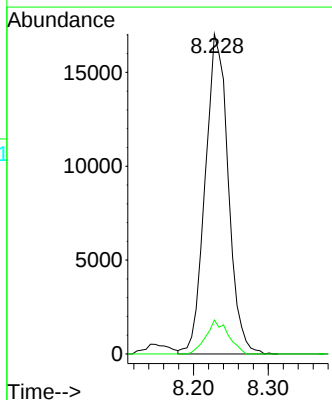
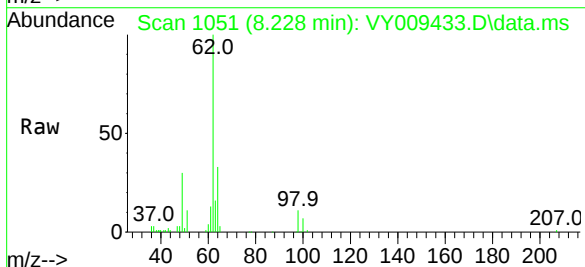
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

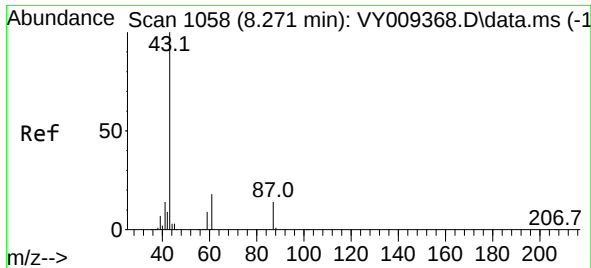
Tgt Ion: 41 Resp: 13570  
Ion Ratio Lower Upper  
41 100  
39 62.3 92.9 139.3#  
67 73.9 0.0 0.0#  
52 31.6 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 21.325 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 62 Resp: 36464  
Ion Ratio Lower Upper  
62 100  
98 10.2 0.0 14.8

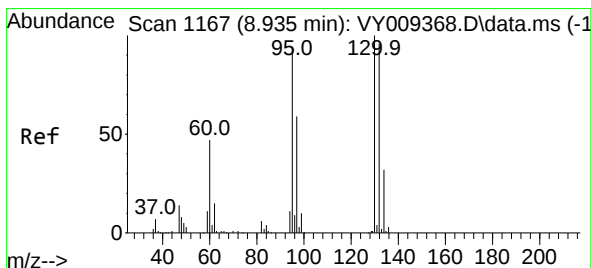
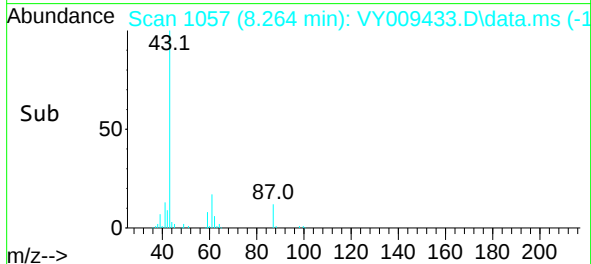
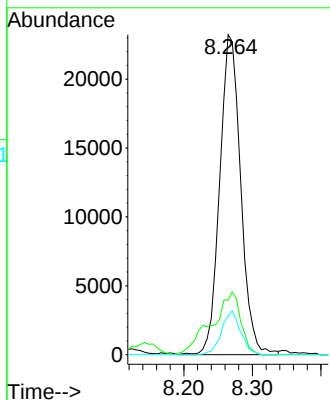
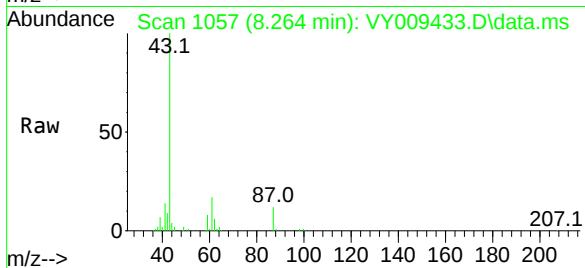




#43  
Isopropyl Acetate  
Concen: 22.218 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. -0.007 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

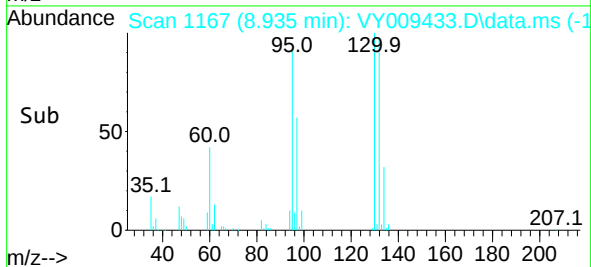
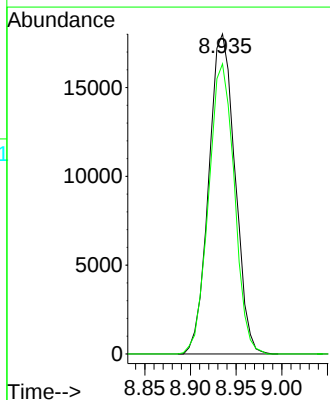
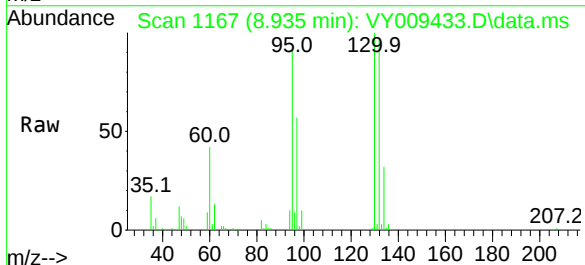
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

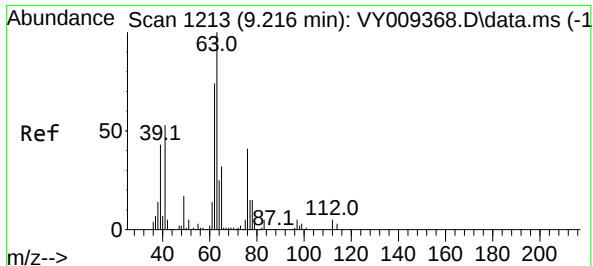
Tgt Ion: 43 Resp: 49309  
Ion Ratio Lower Upper  
43 100  
61 27.2 20.2 30.2  
87 12.4 8.9 13.3



#44  
Trichloroethene  
Concen: 21.713 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion:130 Resp: 35963  
Ion Ratio Lower Upper  
130 100  
95 90.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 21.656 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

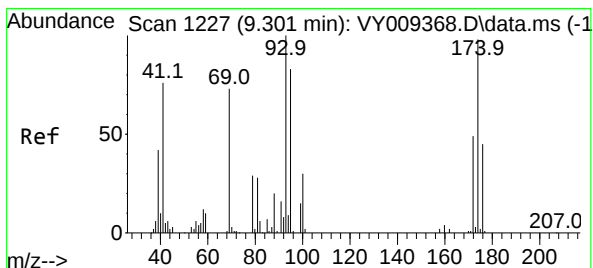
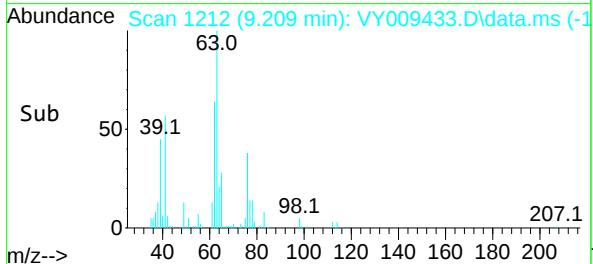
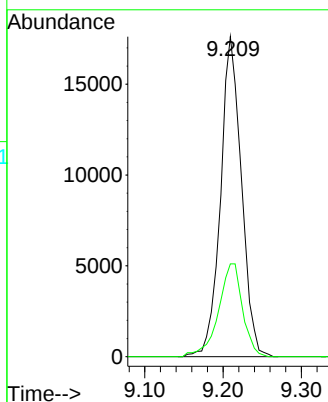
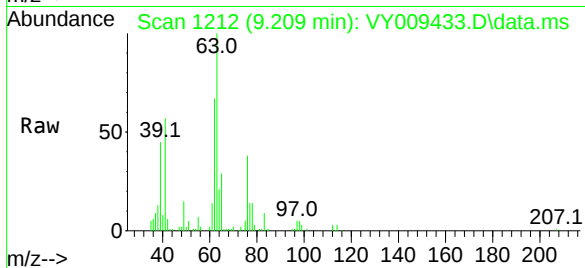
VY0705SBSD02

Tgt Ion: 63 Resp: 32699

Ion Ratio Lower Upper

63 100

65 29.0 23.0 34.6



#46

Dibromomethane

Concen: 20.964 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

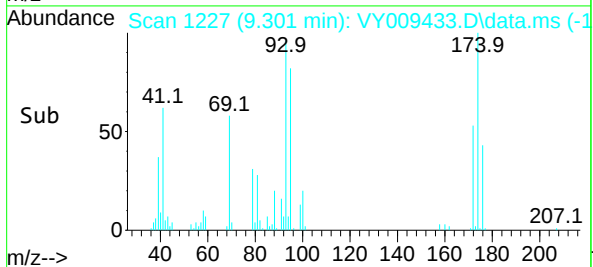
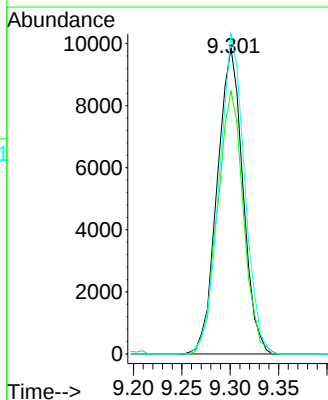
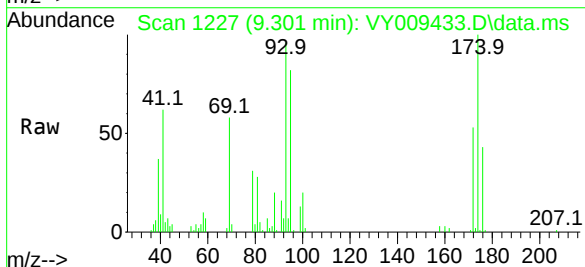
Tgt Ion: 93 Resp: 18134

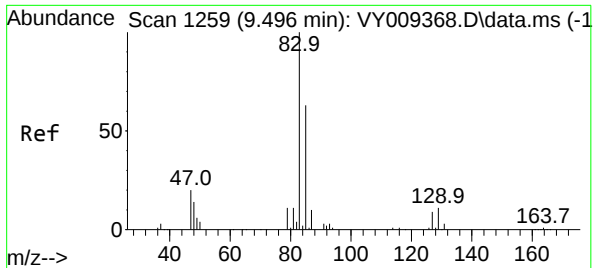
Ion Ratio Lower Upper

93 100

95 87.0 64.3 96.5

174 103.6 83.4 125.0

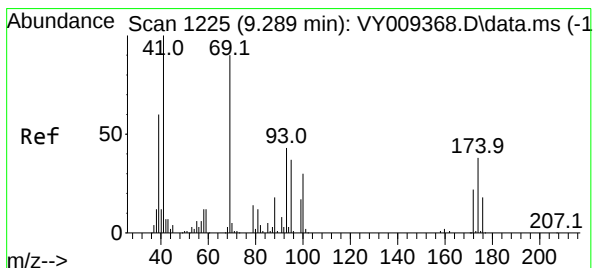
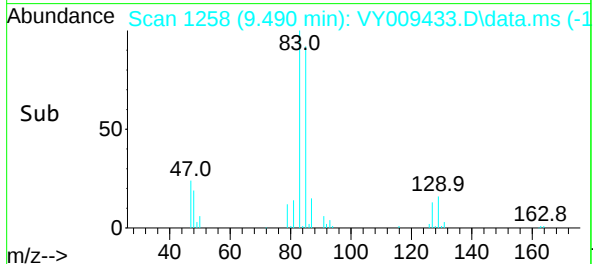
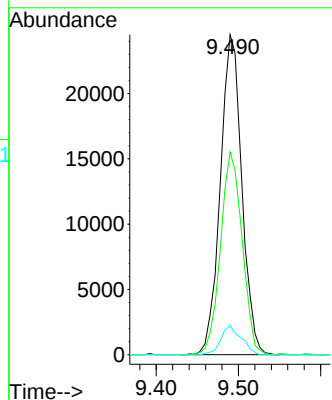
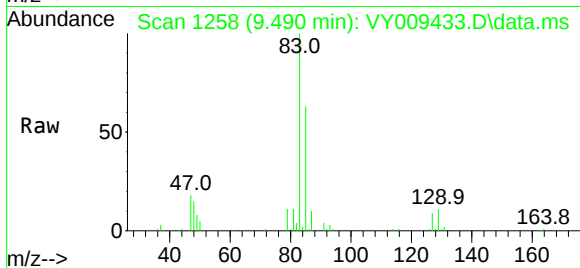




#47  
Bromodichloromethane  
Concen: 21.710 ug/l  
RT: 9.490 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

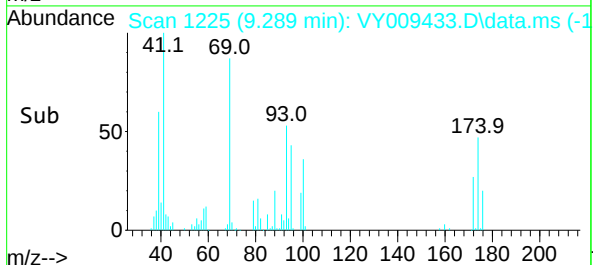
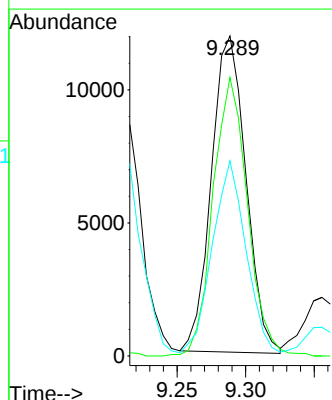
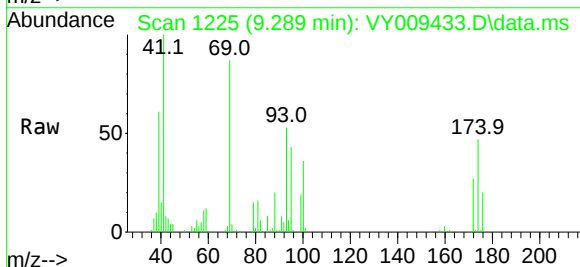
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

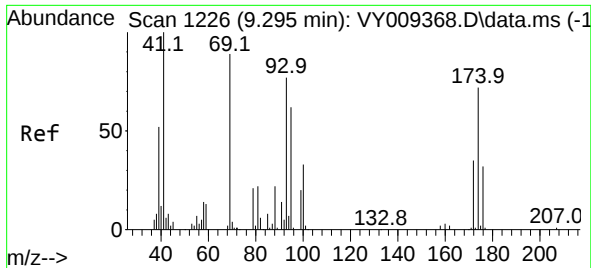
Tgt Ion: 83 Resp: 44473  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.9 77.9  
127 9.1 6.6 10.0



#48  
Methyl methacrylate  
Concen: 21.789 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 41 Resp: 20847  
Ion Ratio Lower Upper  
41 100  
69 87.8 58.2 87.2#  
39 61.0 47.4 71.0

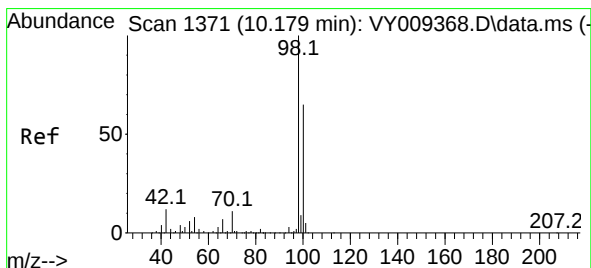
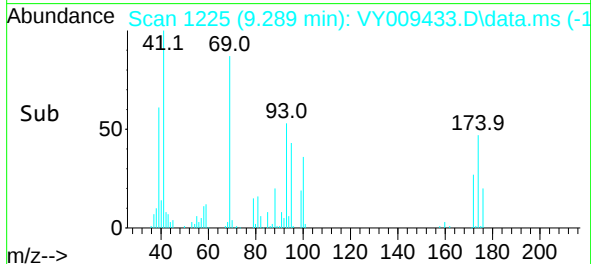
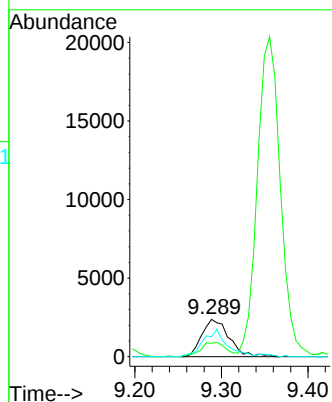
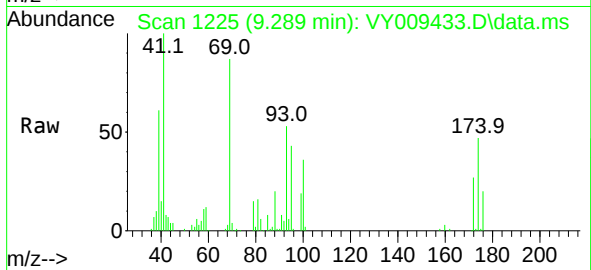




#49  
1,4-Dioxane  
Concen: 430.756 ug/l  
RT: 9.289 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

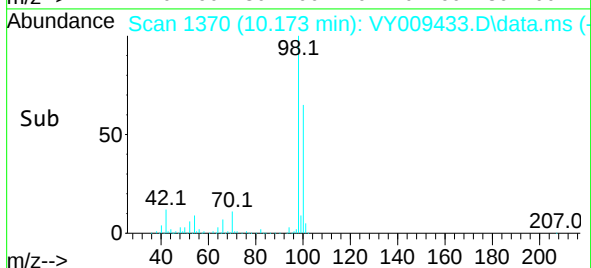
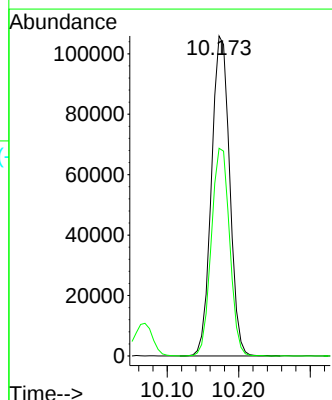
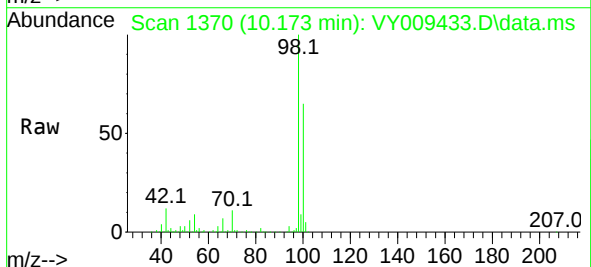
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

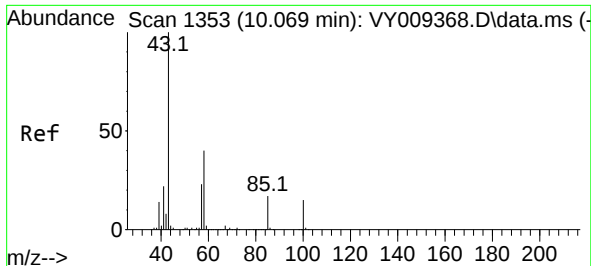
Tgt Ion: 88 Resp: 5194  
Ion Ratio Lower Upper  
88 100  
43 36.6 32.8 49.2  
58 63.1 59.8 89.6



#50  
Toluene-d8  
Concen: 52.286 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 98 Resp: 186884  
Ion Ratio Lower Upper  
98 100  
100 65.4 50.2 75.2

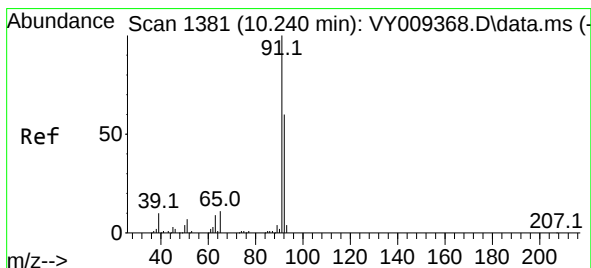
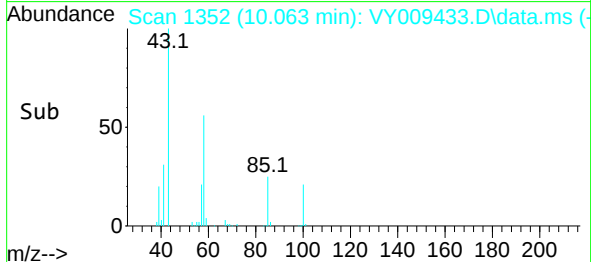
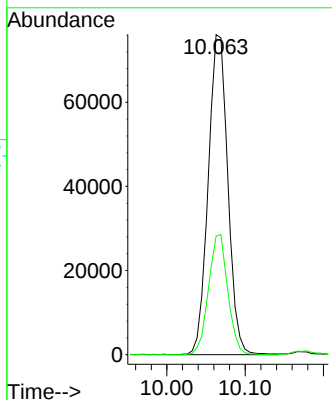
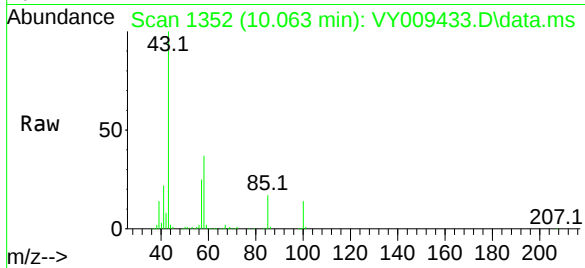




#51  
4-Methyl-2-Pentanone  
Concen: 115.683 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

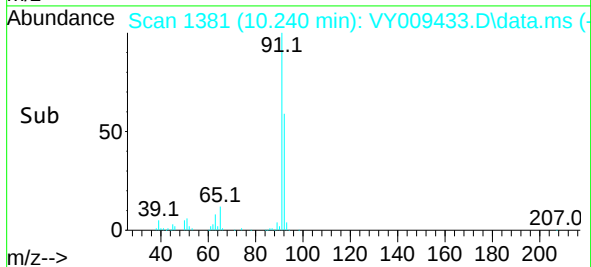
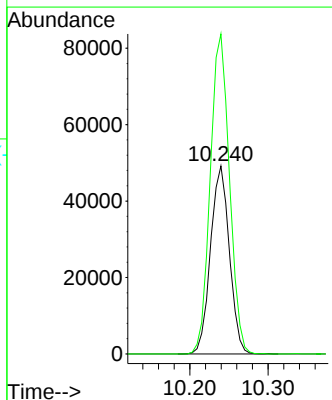
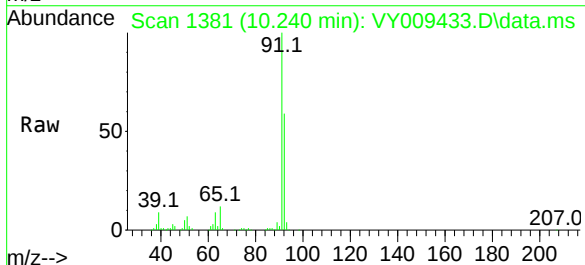
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

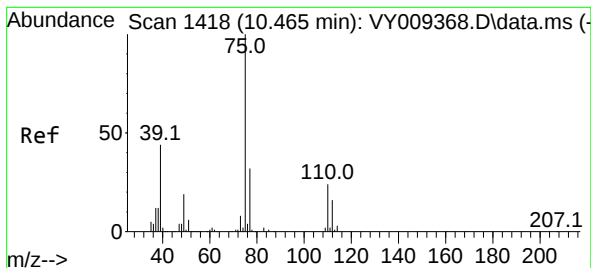
Tgt Ion: 43 Resp: 132374  
Ion Ratio Lower Upper  
43 100  
58 36.9 28.1 42.1



#52  
Toluene  
Concen: 21.840 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 92 Resp: 82137  
Ion Ratio Lower Upper  
92 100  
91 173.2 142.6 213.8

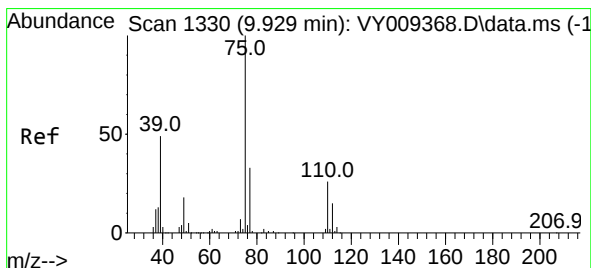
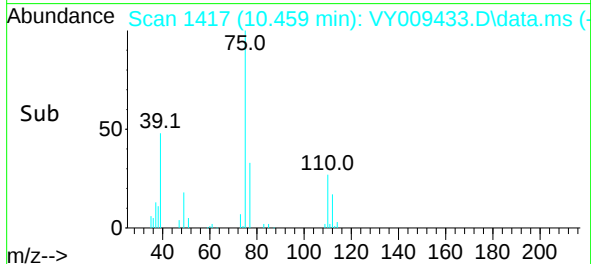
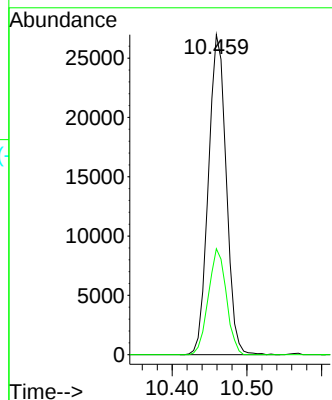
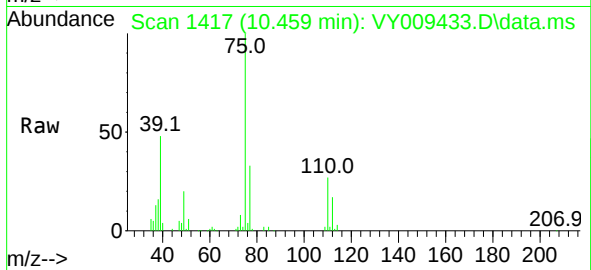




#53  
t-1,3-Dichloropropene  
Concen: 21.796 ug/l  
RT: 10.459 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

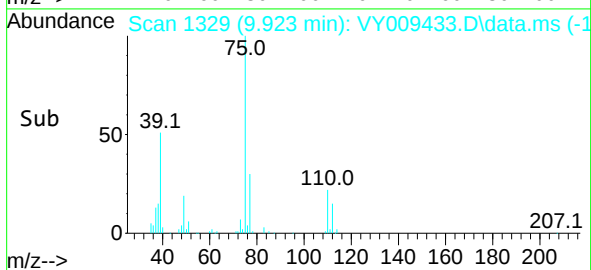
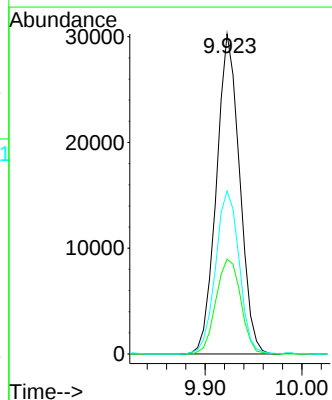
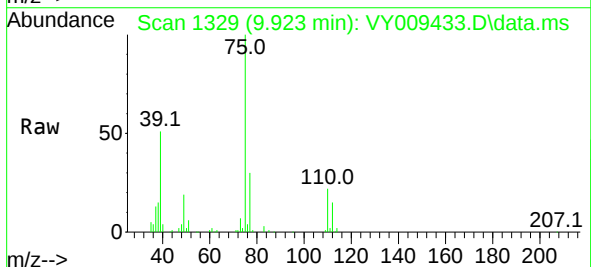
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

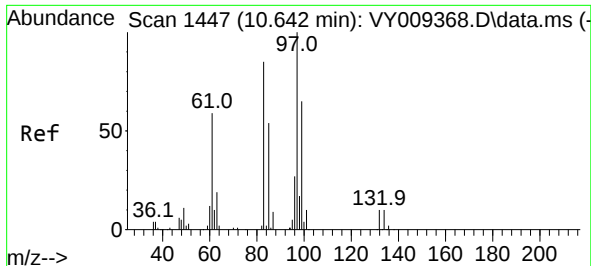
Tgt Ion: 75 Resp: 44664  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 20.615 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 75 Resp: 50439  
Ion Ratio Lower Upper  
75 100  
77 29.6 25.6 38.4  
39 50.9 47.6 71.4

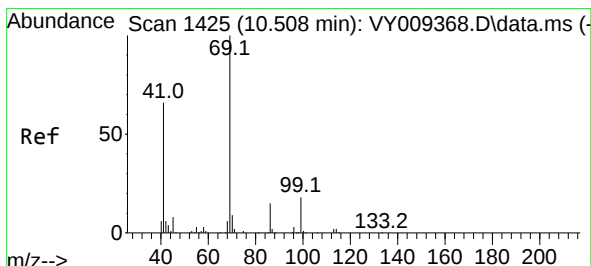
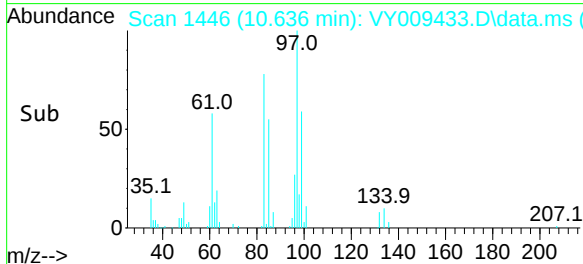
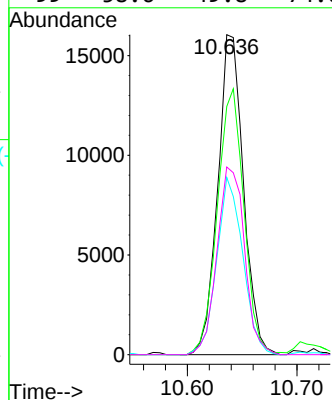
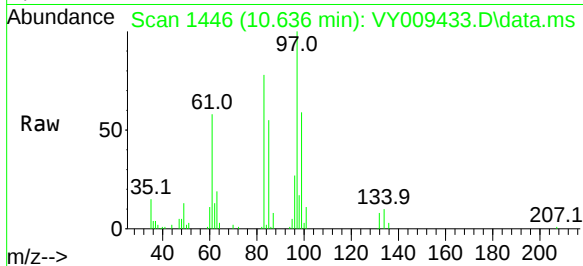




#55  
1,1,2-Trichloroethane  
Concen: 22.755 ug/l  
RT: 10.636 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

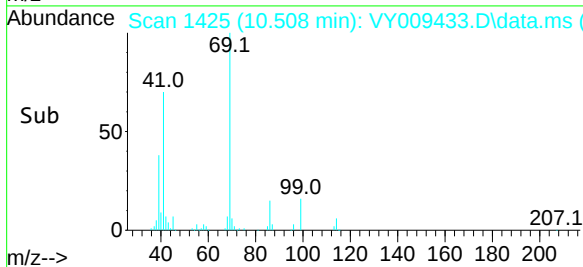
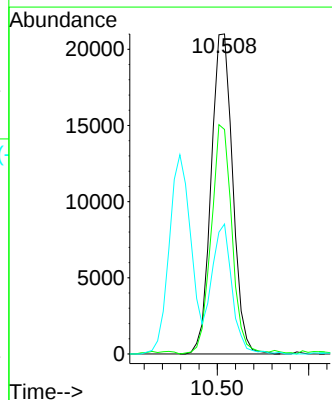
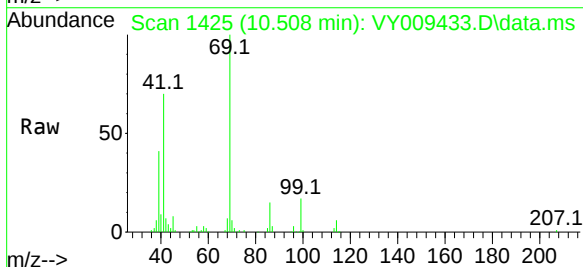
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

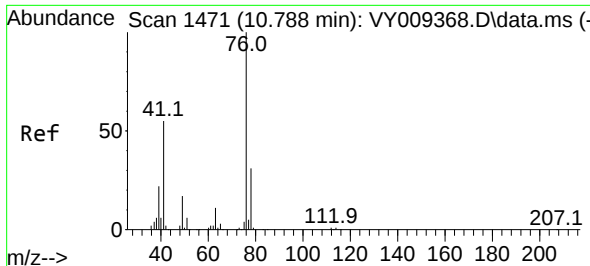
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 26188 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 77.6     | 69.8 104.8  |
| 85 55.4     | 44.3 66.5   |
| 99 58.6     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 23.402 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 34377 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 69.1     | 63.4 95.0   |
| 39 38.2     | 35.8 53.8   |





#57

1,3-Dichloropropane

Concen: 22.102 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

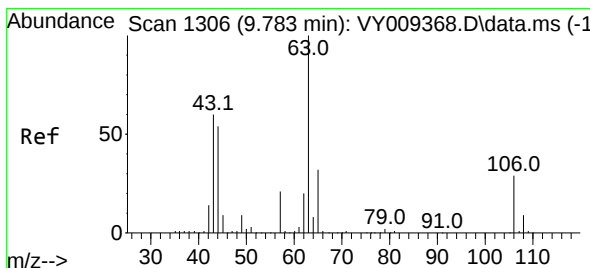
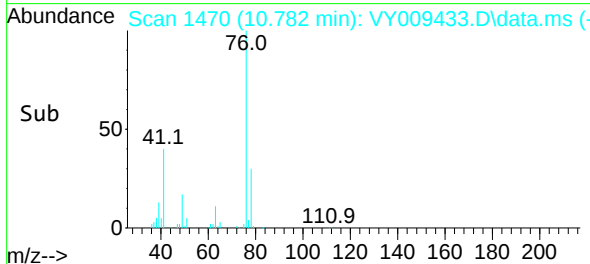
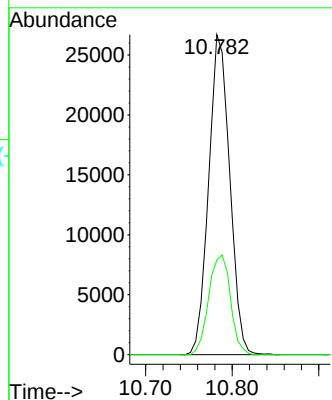
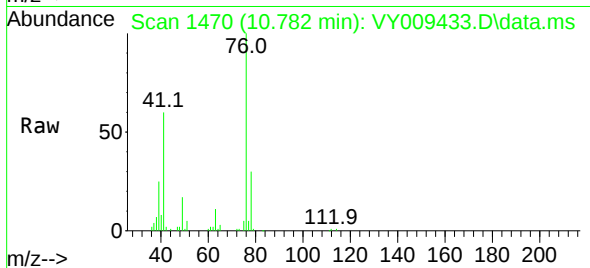
VY0705SBSD02

Tgt Ion: 76 Resp: 45060

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 103.969 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009433.D

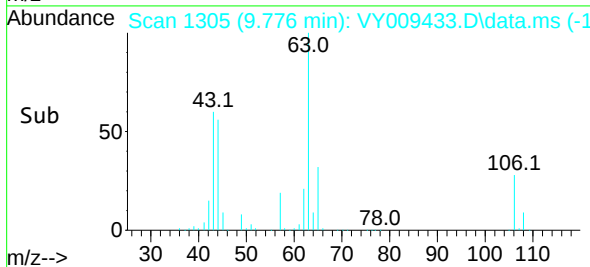
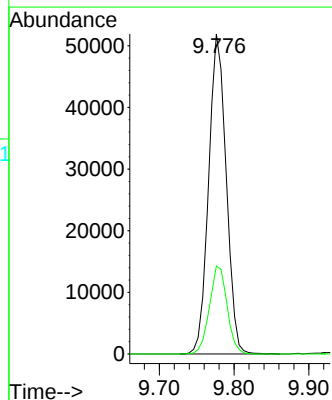
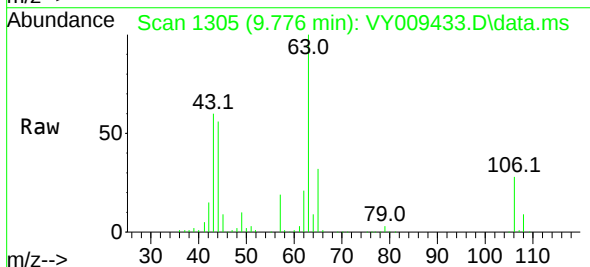
Acq: 05 Jul 2022 13:32

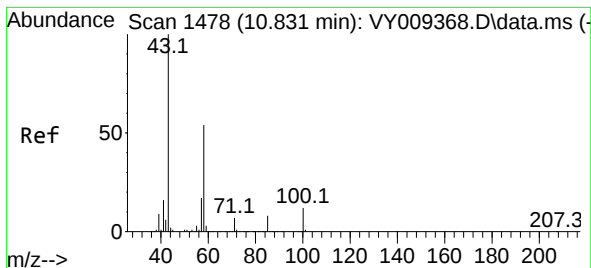
Tgt Ion: 63 Resp: 84561

Ion Ratio Lower Upper

63 100

106 27.7 21.5 32.3





#59

2-Hexanone

Concen: 115.077 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

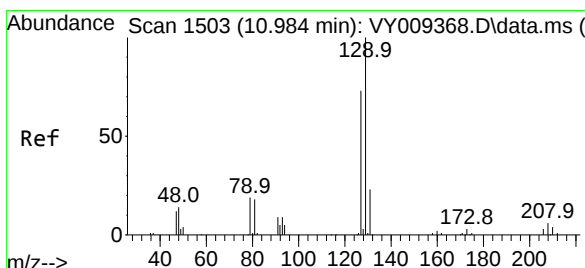
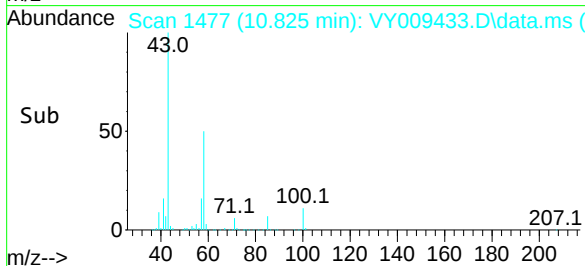
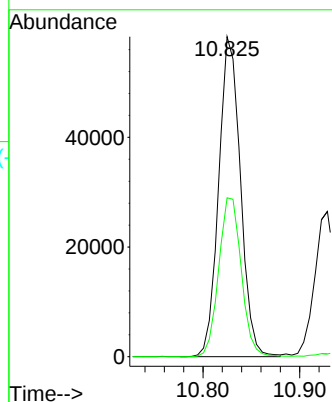
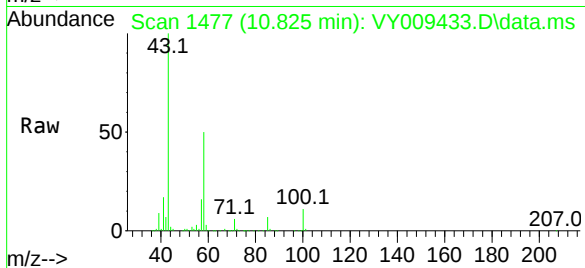
VY0705SBS02

Tgt Ion: 43 Resp: 90963

Ion Ratio Lower Upper

43 100

58 51.6 24.4 73.4



#60

Dibromochloromethane

Concen: 21.739 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.001 min

Lab File: VY009433.D

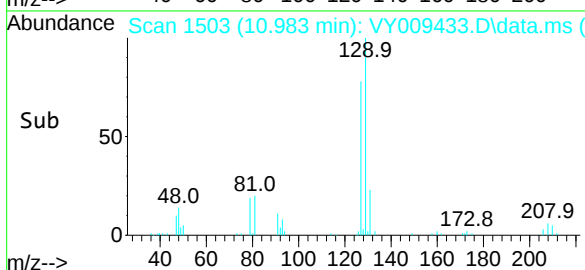
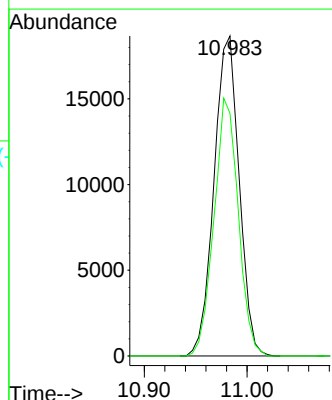
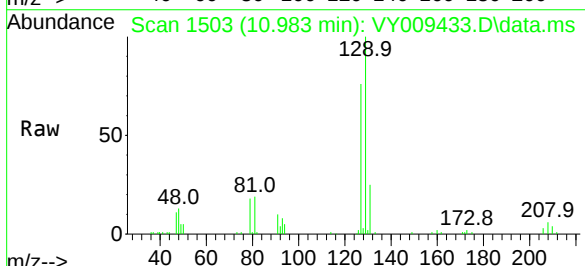
Acq: 05 Jul 2022 13:32

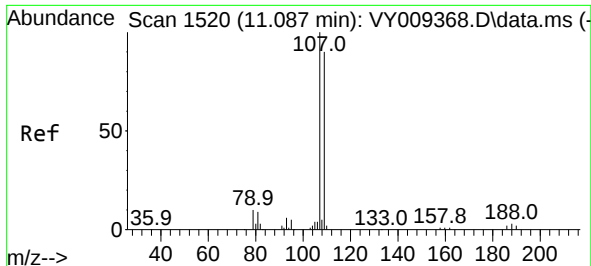
Tgt Ion: 129 Resp: 31662

Ion Ratio Lower Upper

129 100

127 78.0 38.7 116.1

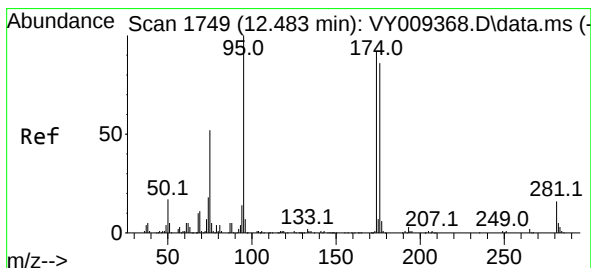
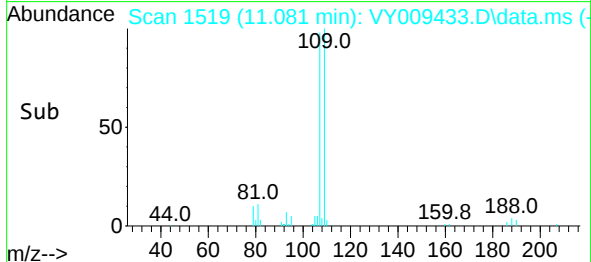
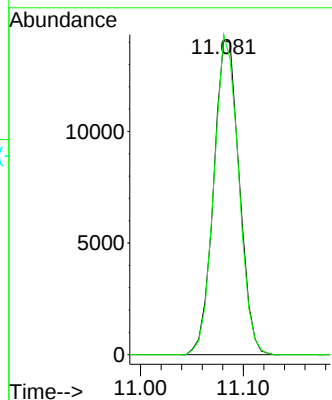
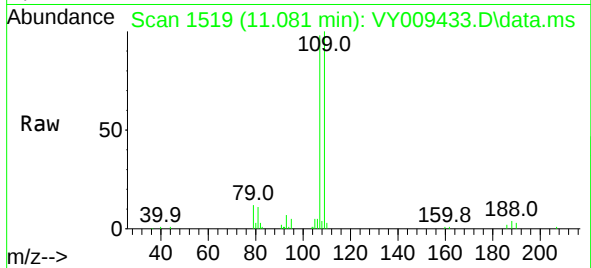




#61  
1,2-Dibromoethane  
Concen: 21.083 ug/l  
RT: 11.081 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

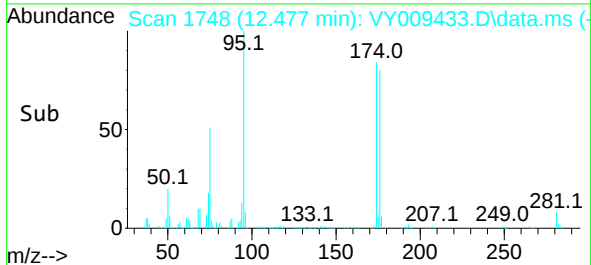
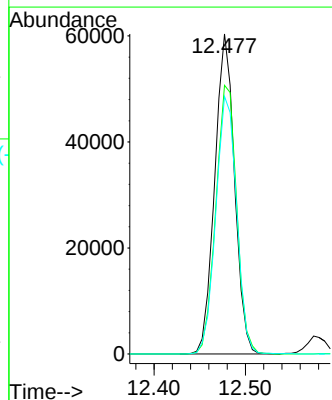
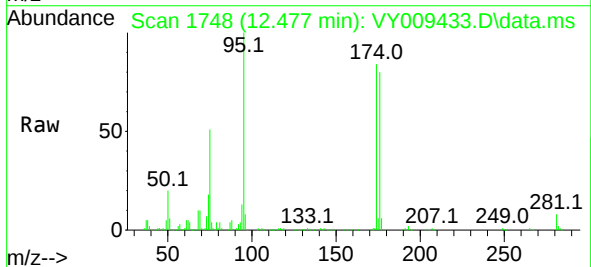
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

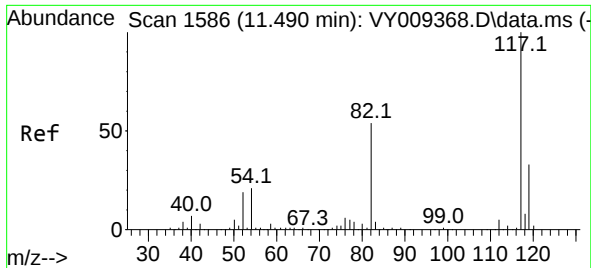
Tgt Ion:107 Resp: 24360  
Ion Ratio Lower Upper  
107 100  
109 97.8 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 53.538 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 95 Resp: 90756  
Ion Ratio Lower Upper  
95 100  
174 88.5 0.0 177.0  
176 84.9 0.0 175.8

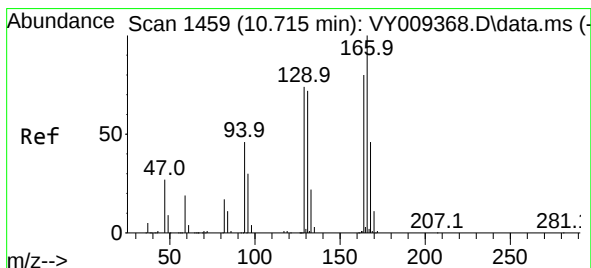
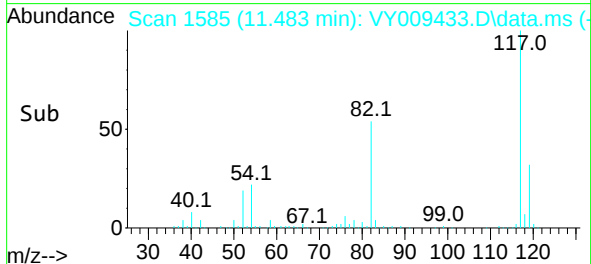
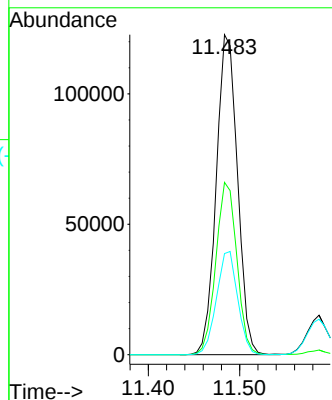
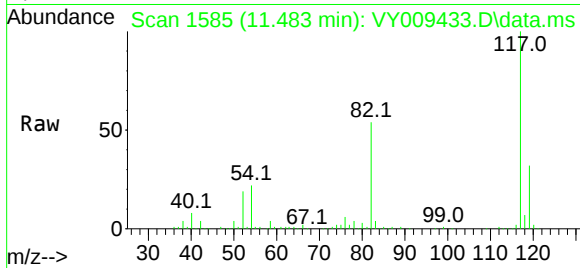




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

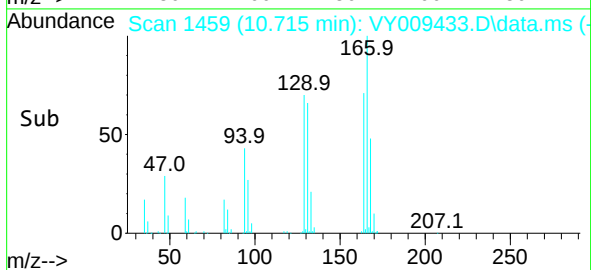
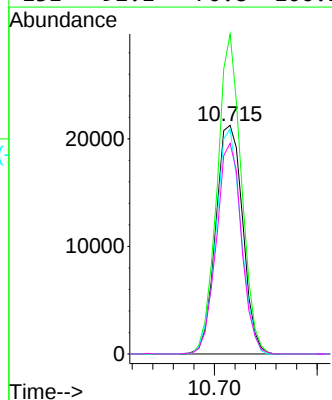
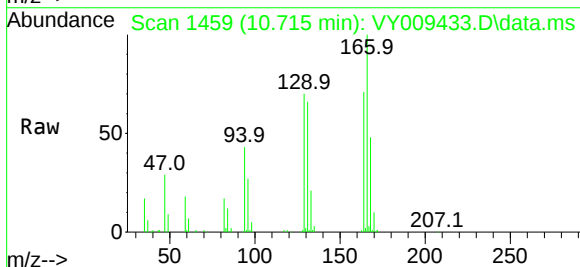
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

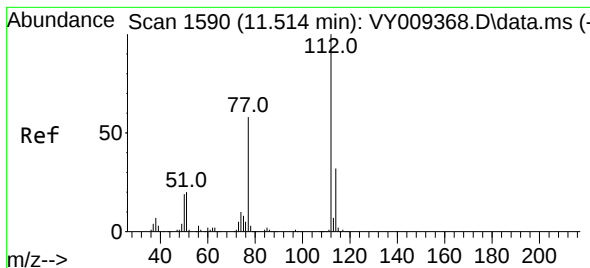
Tgt Ion:117 Resp: 198249  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.0 64.4  
119 31.6 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.874 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion:164 Resp: 38527  
Ion Ratio Lower Upper  
164 100  
166 140.0 100.4 150.6  
129 98.4 71.4 107.0  
131 92.1 70.8 106.2





#65

Chlorobenzene

Concen: 21.280 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

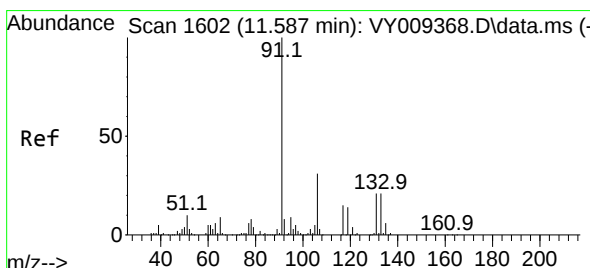
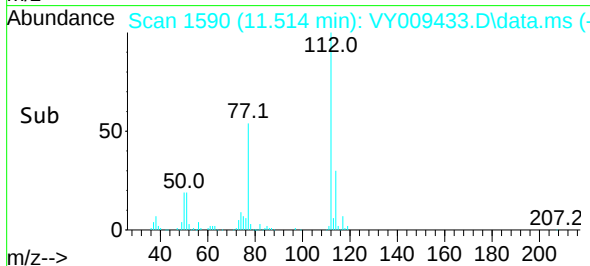
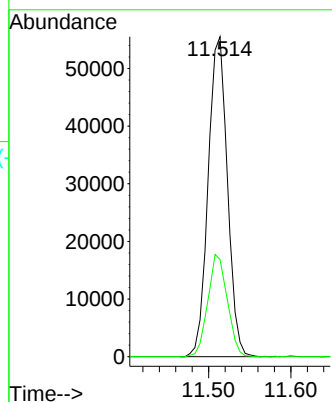
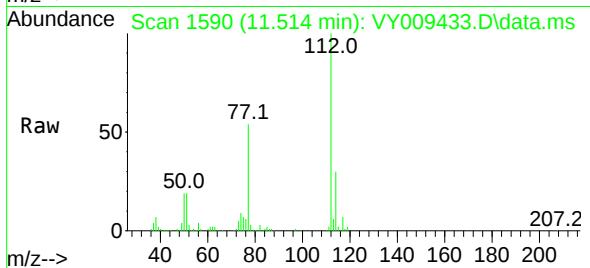
VY0705SBSD02

Tgt Ion:112 Resp: 90270

Ion Ratio Lower Upper

112 100

114 30.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 22.032 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

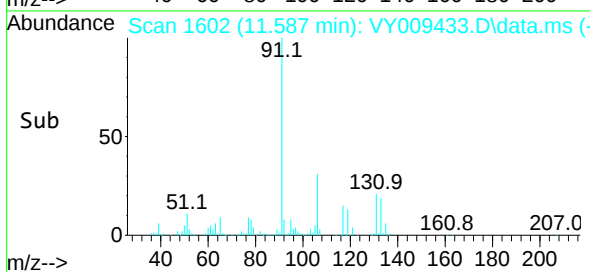
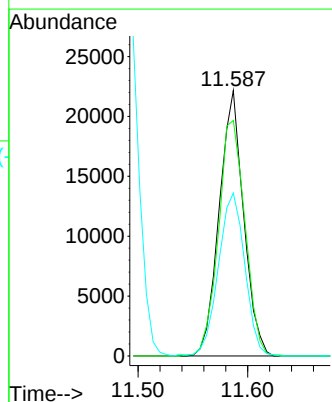
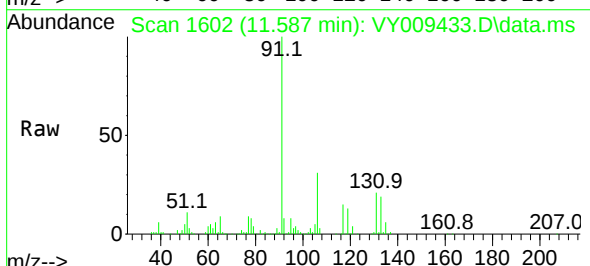
Tgt Ion:131 Resp: 34282

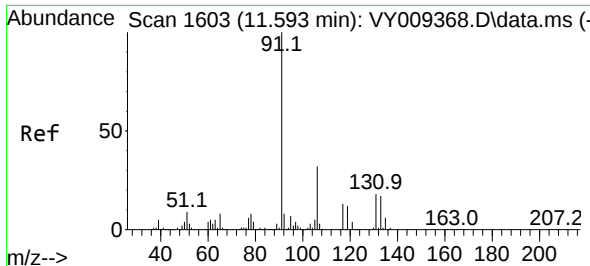
Ion Ratio Lower Upper

131 100

133 96.7 47.9 143.6

119 66.4 30.8 92.3





#67

Ethyl Benzene

Concen: 21.472 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

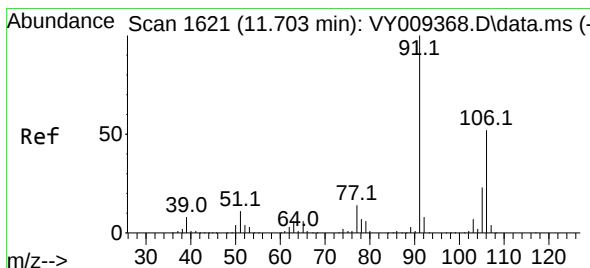
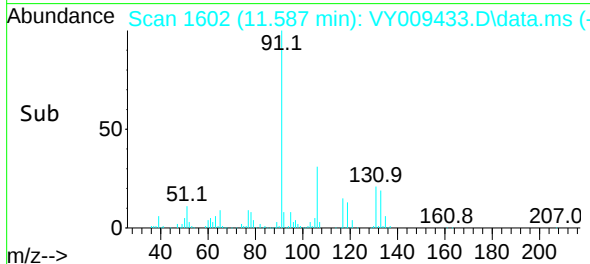
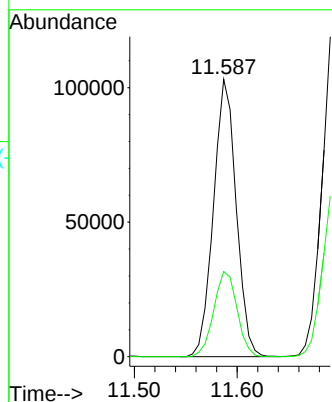
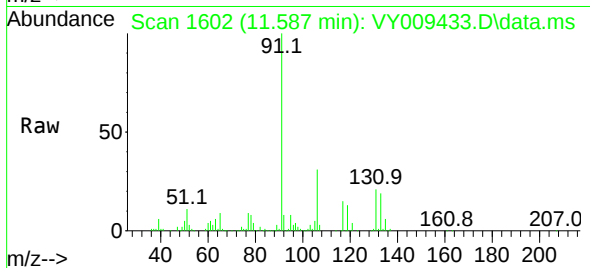
VY0705SBSD02

Tgt Ion: 91 Resp: 158008

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 42.292 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009433.D

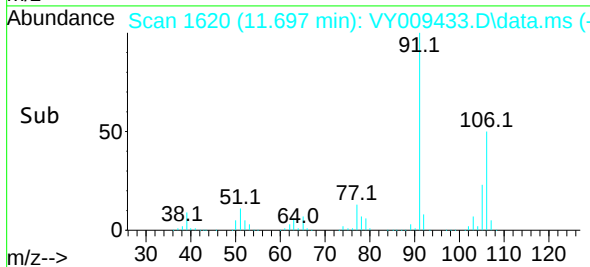
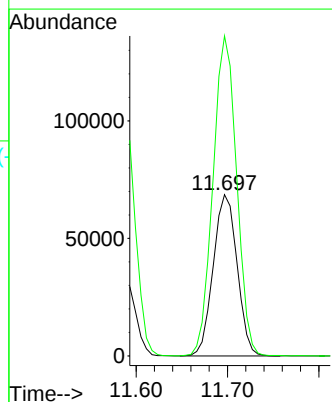
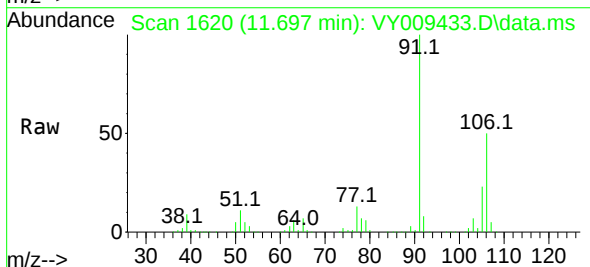
Acq: 05 Jul 2022 13:32

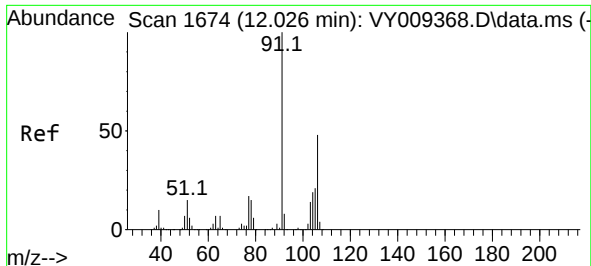
Tgt Ion:106 Resp: 124446

Ion Ratio Lower Upper

106 100

91 196.3 166.6 249.8

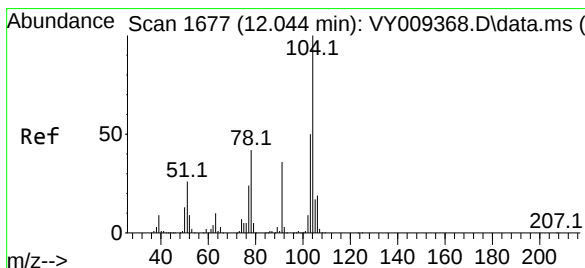
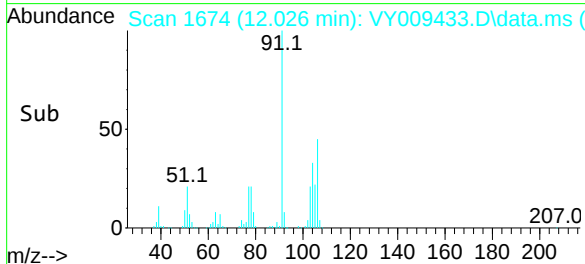
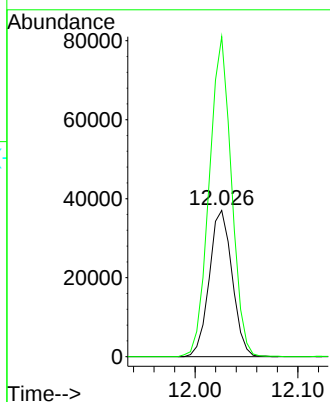
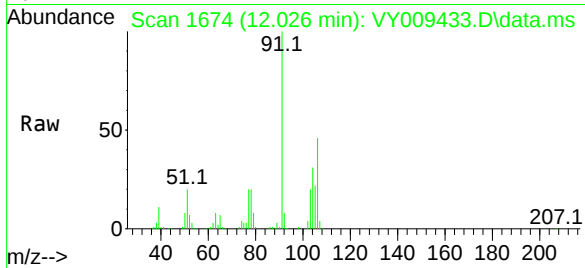




#69  
o-Xylene  
Concen: 20.572 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

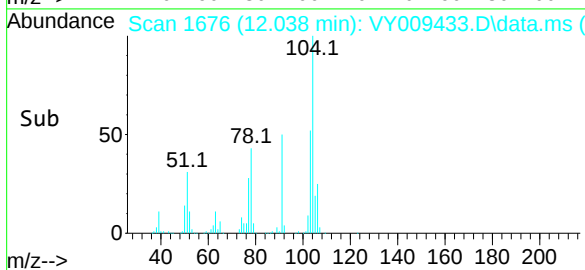
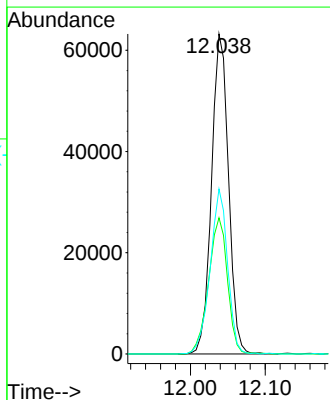
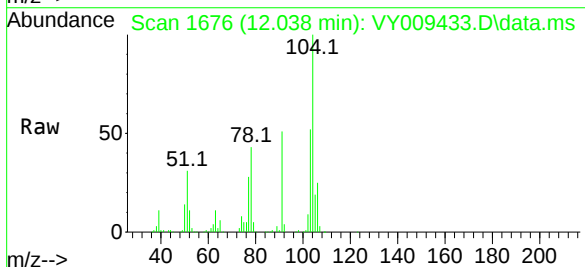
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

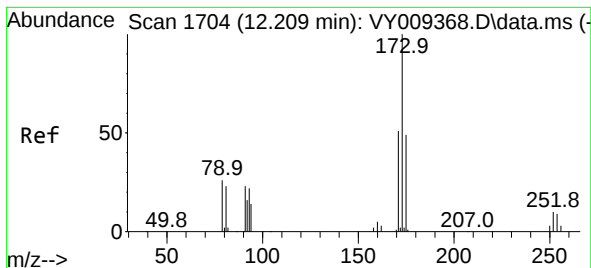
Tgt Ion:106 Resp: 57125  
Ion Ratio Lower Upper  
106 100  
91 212.8 110.3 331.0



#70  
Styrene  
Concen: 21.749 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion:104 Resp: 100062  
Ion Ratio Lower Upper  
104 100  
78 47.2 42.4 63.6  
103 53.1 44.4 66.6





#71

Bromoform

Concen: 21.020 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0705SBS02

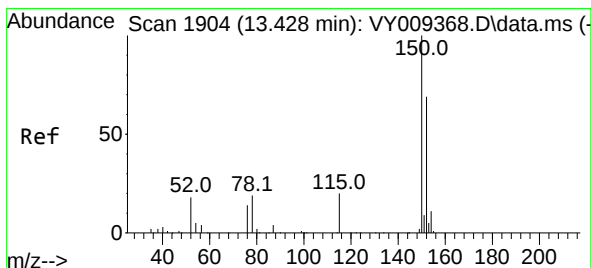
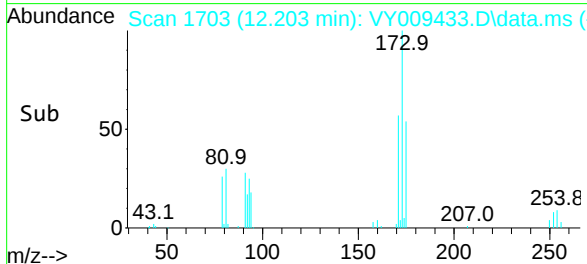
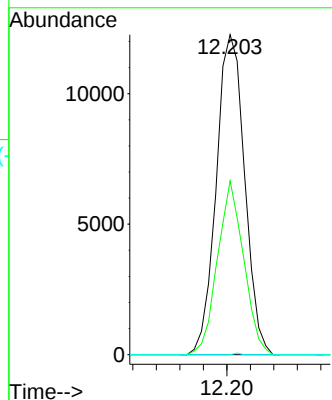
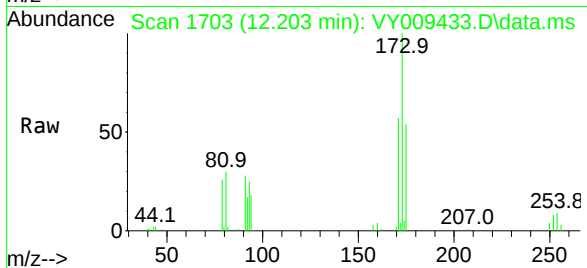
Tgt Ion:173 Resp: 20551

Ion Ratio Lower Upper

173 100

175 50.2 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: VY009433.D

Acq: 05 Jul 2022 13:32

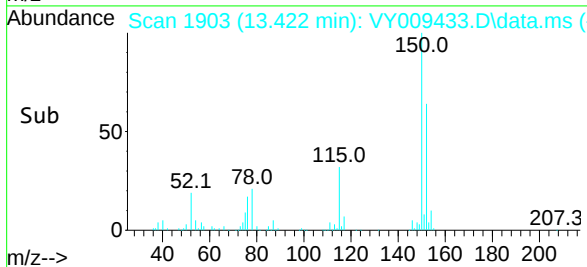
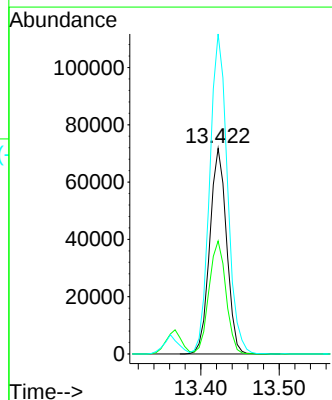
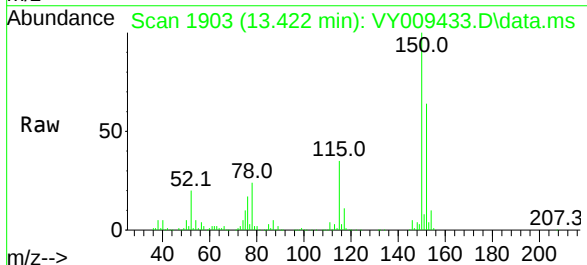
Tgt Ion:152 Resp: 106645

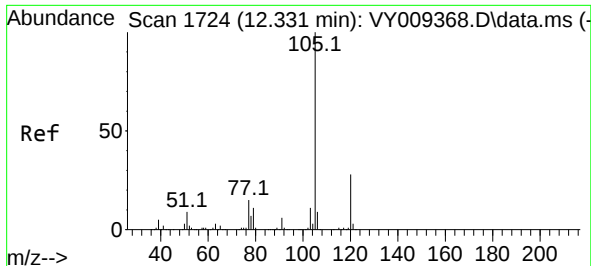
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 164.6 0.0 347.6

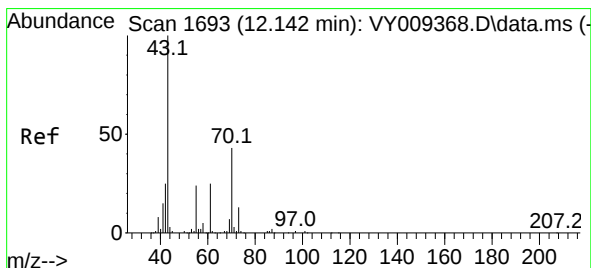
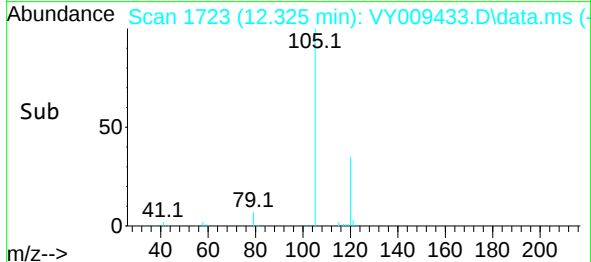
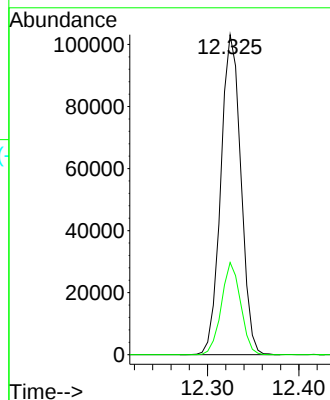
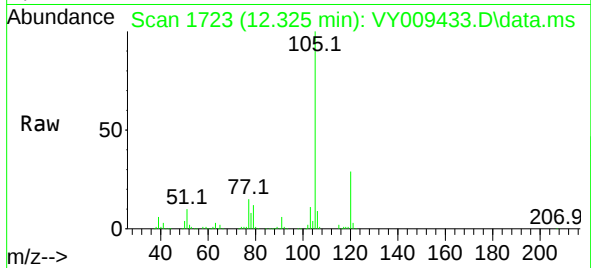




#73  
Isopropylbenzene  
Concen: 20.050 ug/l  
RT: 12.325 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

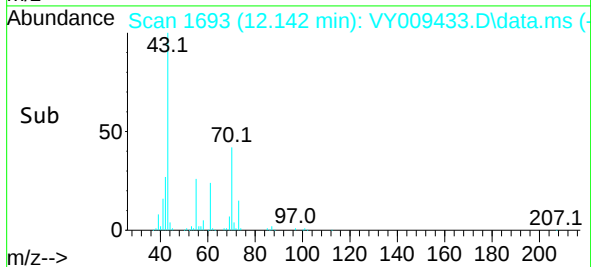
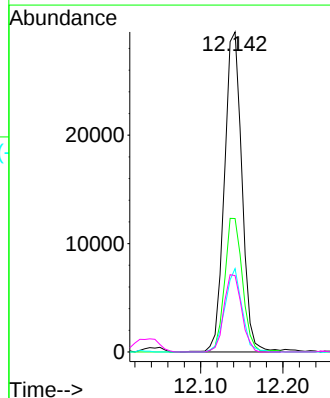
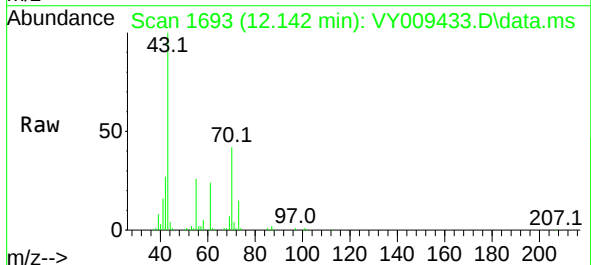
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

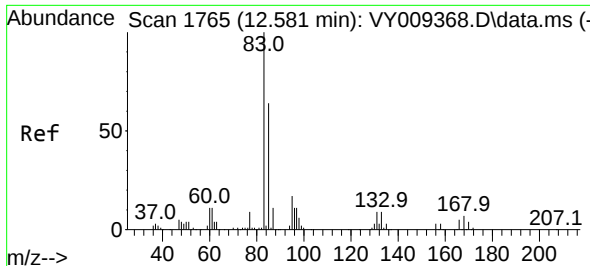
Tgt Ion:105 Resp: 157938  
Ion Ratio Lower Upper  
105 100  
120 27.6 13.4 40.2



#74  
N-amy1 acetate  
Concen: 21.108 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 43 Resp: 43613  
Ion Ratio Lower Upper  
43 100  
70 42.2 28.7 43.1  
55 25.3 17.3 25.9  
61 24.3 17.0 25.6

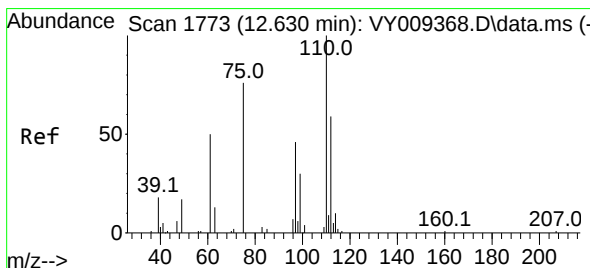
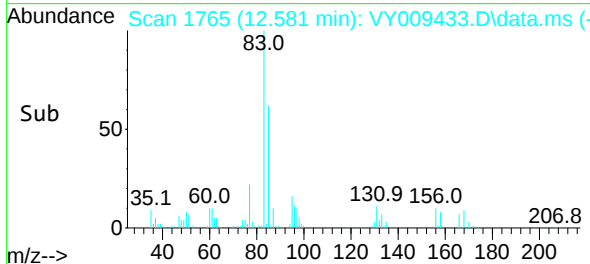
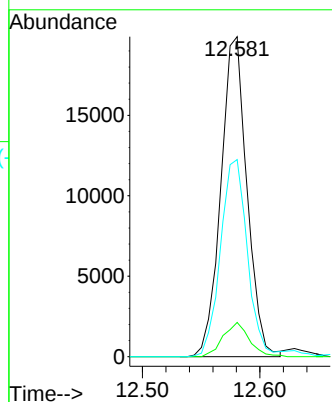
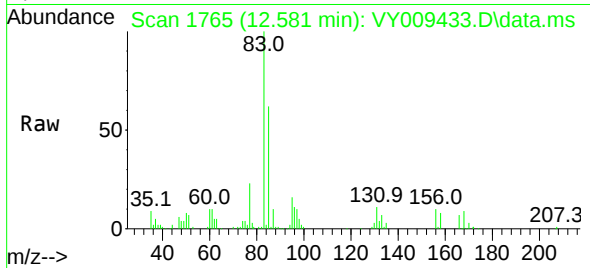




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.166 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

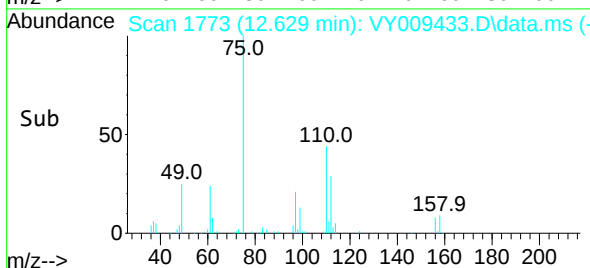
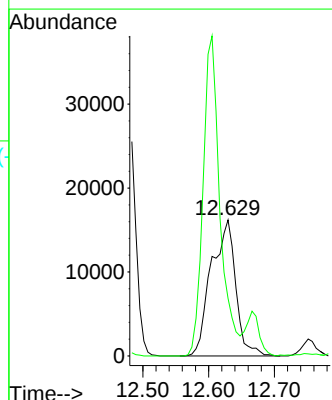
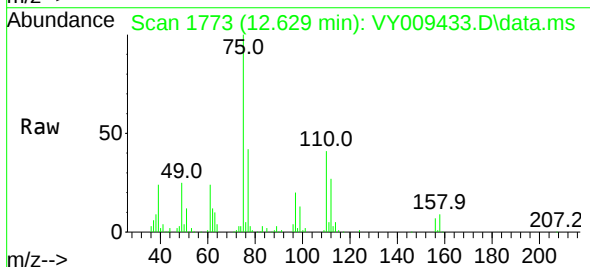
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

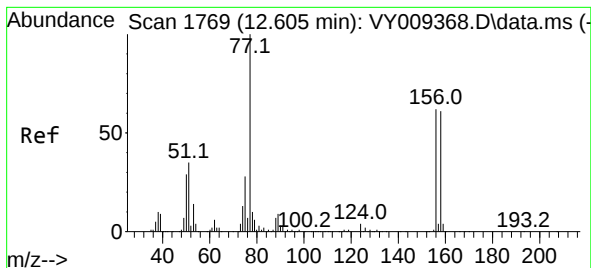
Tgt Ion: 83 Resp: 30770  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.6 16.8  
85 63.4 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 33.702 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.001 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 75 Resp: 42091  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.788 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

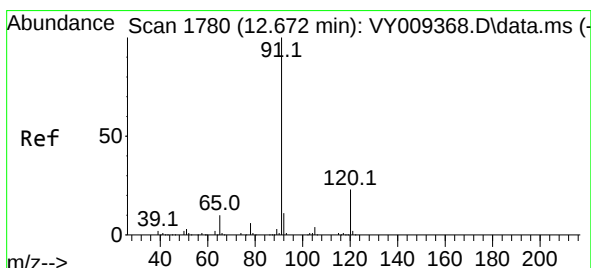
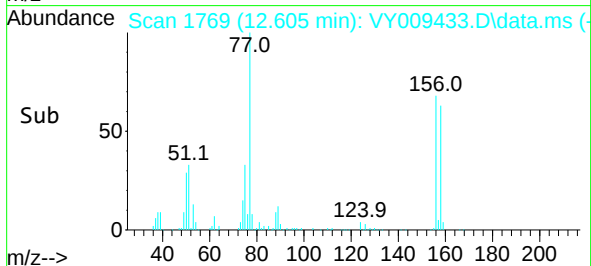
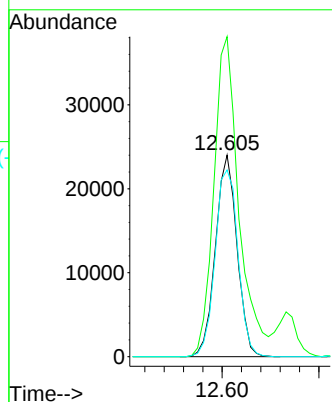
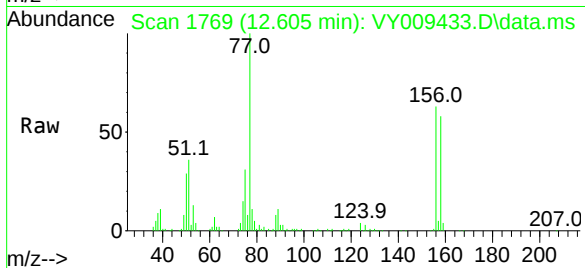
Instrument :

MSVOA\_Y

ClientSampleId :

VY0705SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 37156 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 183.6 | 95.5  | 286.4 |
| 158       | 98.4  | 48.0  | 144.0 |



#78

n-propylbenzene

Concen: 20.614 ug/l

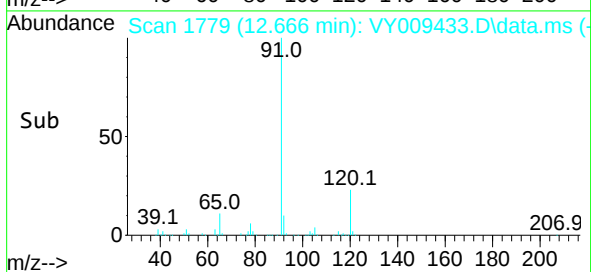
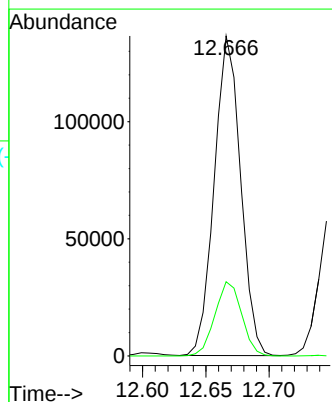
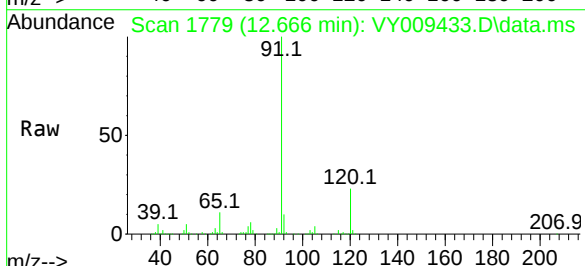
RT: 12.666 min Scan# 1779

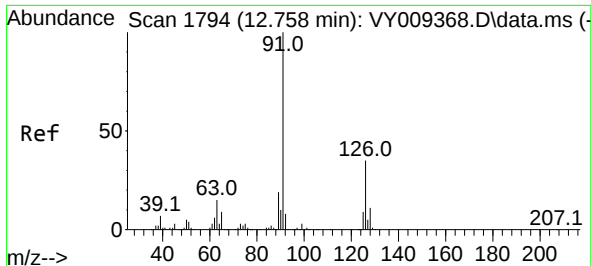
Delta R.T. -0.006 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 197520 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.5  | 11.3  | 33.9   |

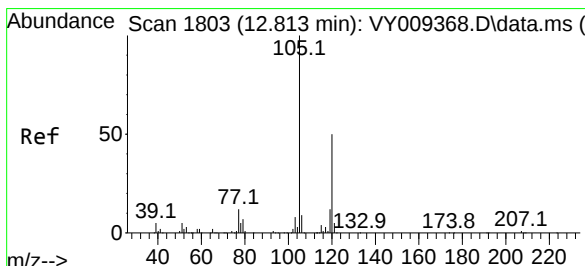
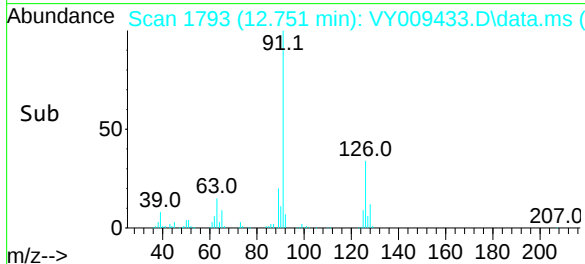
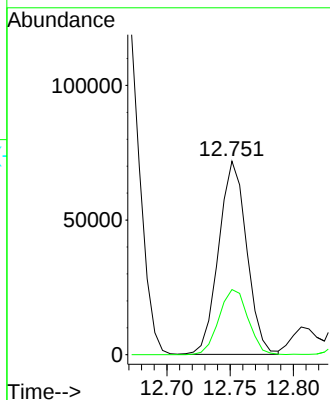
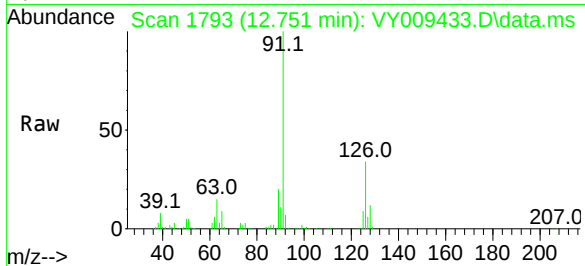




#79  
2-Chlorotoluene  
Concen: 20.504 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

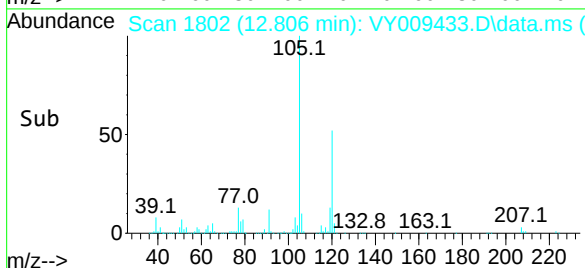
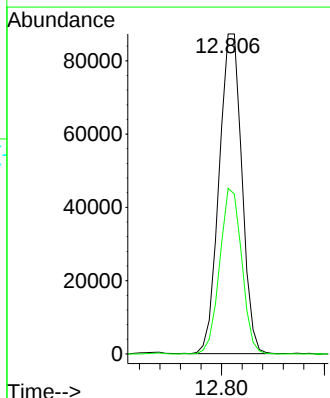
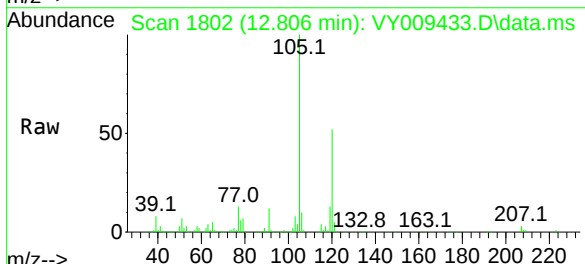
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

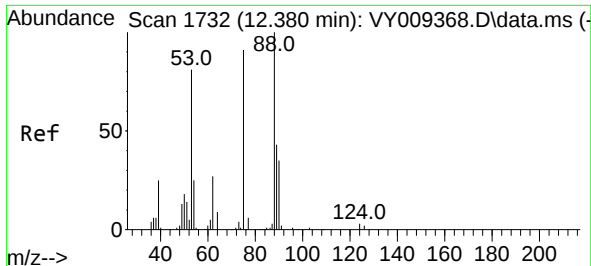
Tgt Ion: 91 Resp: 110899  
Ion Ratio Lower Upper  
91 100  
126 34.9 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 20.369 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 105 Resp: 134174  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.4 73.4

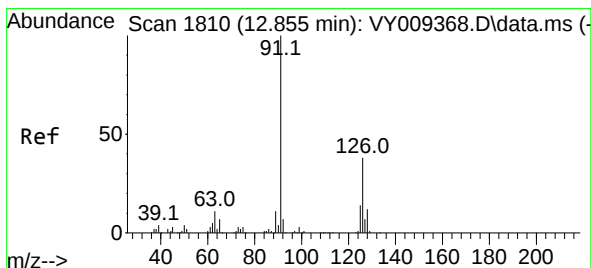
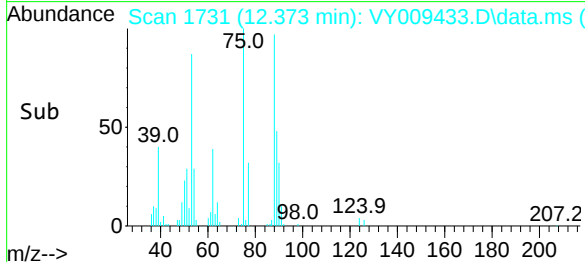
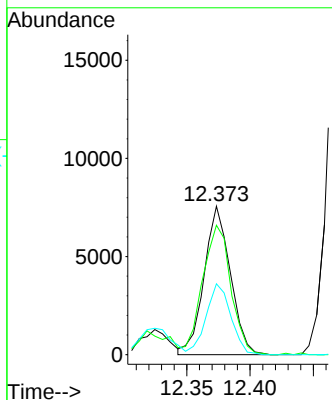
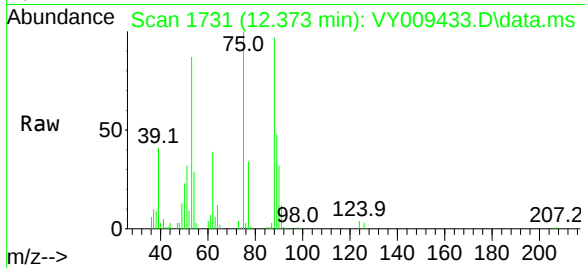




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.464 ug/l  
RT: 12.373 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

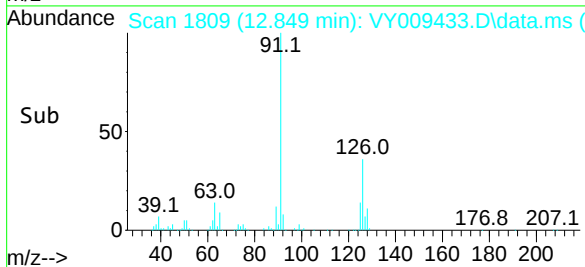
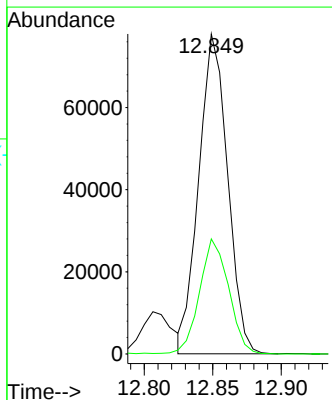
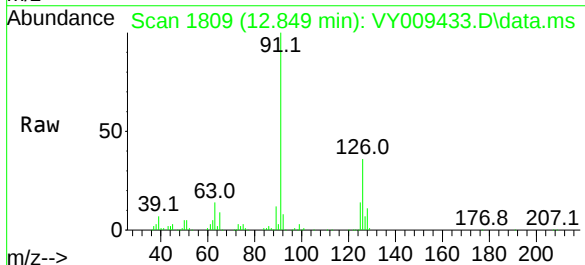
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

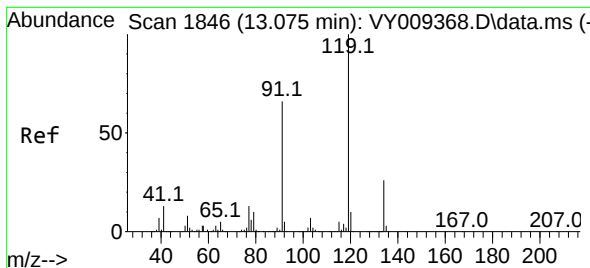
Tgt Ion: 75 Resp: 10918  
Ion Ratio Lower Upper  
75 100  
53 94.2 85.3 127.9  
89 45.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 20.256 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 91 Resp: 113850  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 21.590 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0705SBSD02

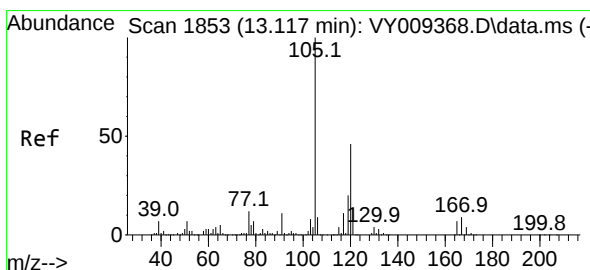
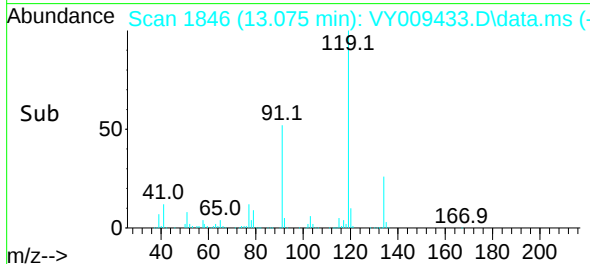
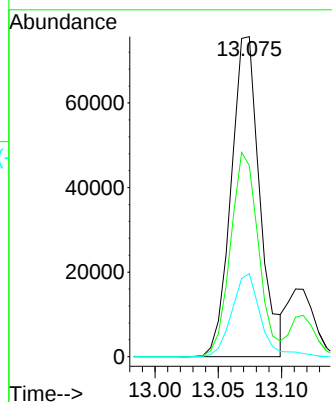
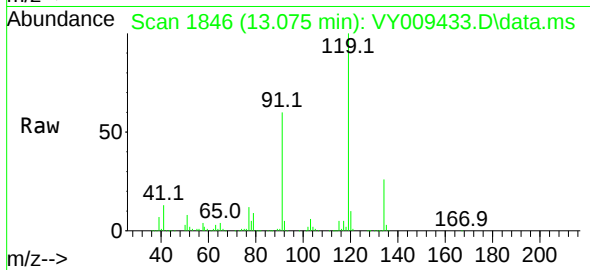
Tgt Ion:119 Resp: 119486

Ion Ratio Lower Upper

119 100

91 62.3 34.8 104.4

134 26.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 21.388 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009433.D

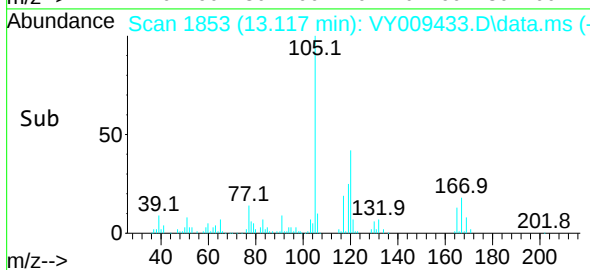
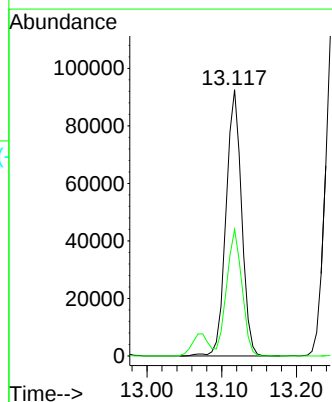
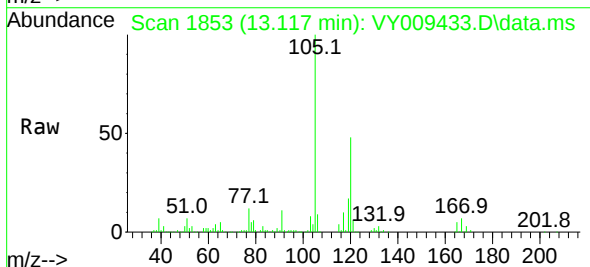
Acq: 05 Jul 2022 13:32

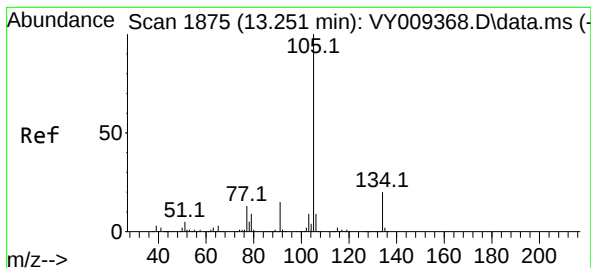
Tgt Ion:105 Resp: 133880

Ion Ratio Lower Upper

105 100

120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 21.252 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

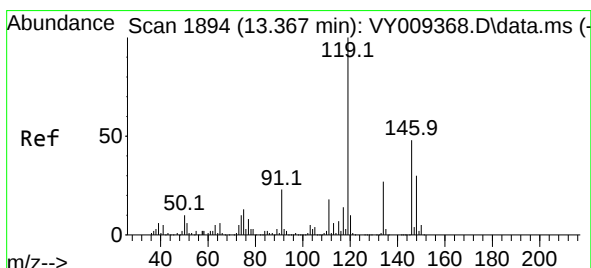
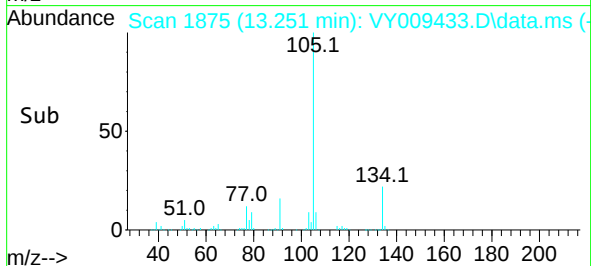
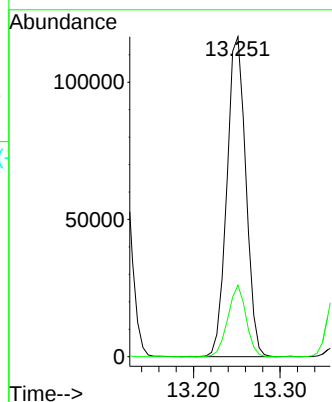
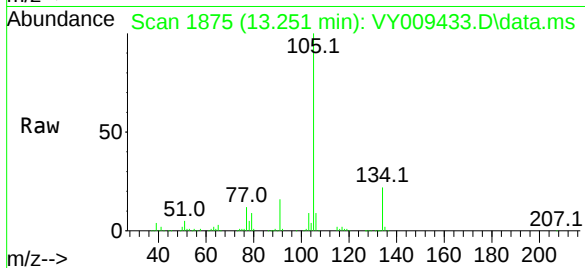
VY0705SBSD02

Tgt Ion:105 Resp: 177150

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 21.324 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

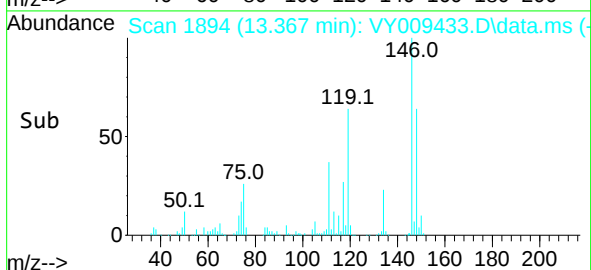
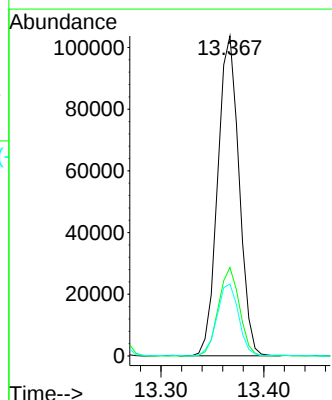
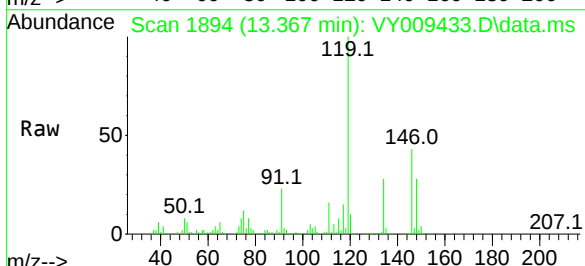
Tgt Ion:119 Resp: 149471

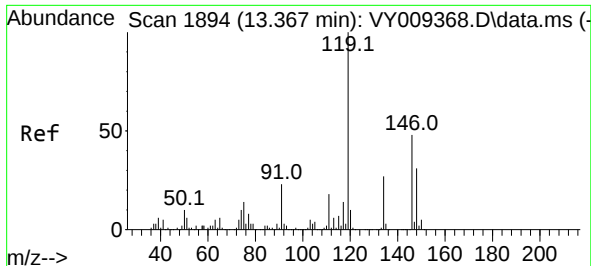
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 22.8 12.4 37.2

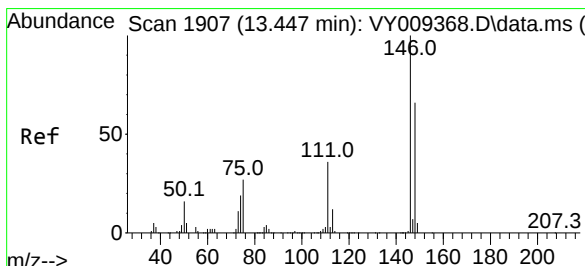
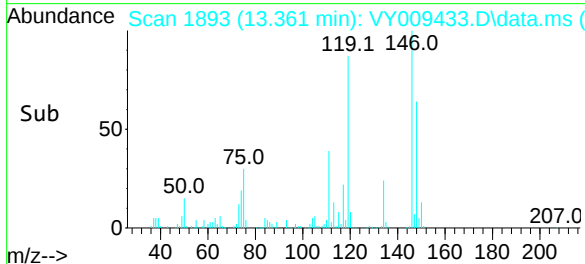
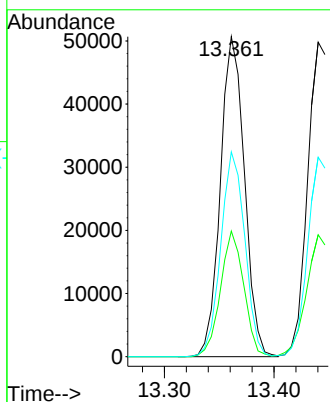
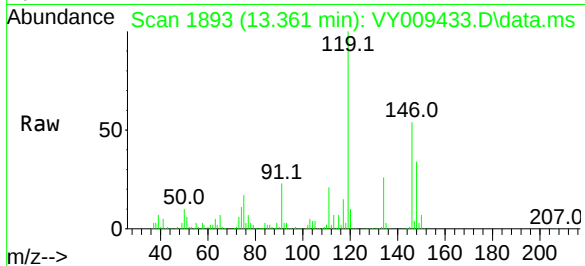




#87  
1,3-Dichlorobenzene  
Concen: 20.897 ug/l  
RT: 13.361 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

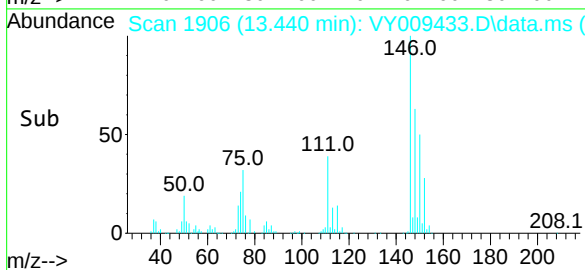
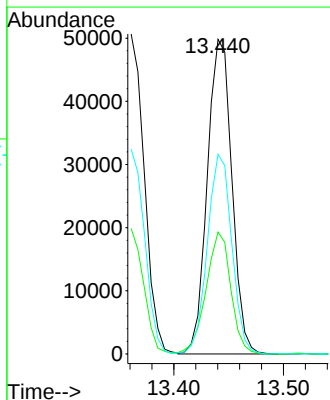
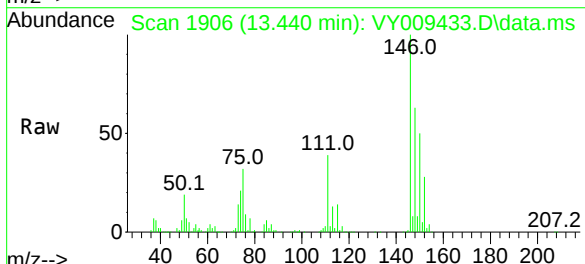
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

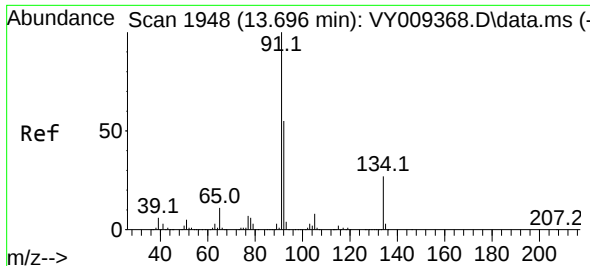
Tgt Ion:146 Resp: 77523  
Ion Ratio Lower Upper  
146 100  
111 38.0 19.5 58.5  
148 63.8 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 20.316 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. 0.000 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion:146 Resp: 77553  
Ion Ratio Lower Upper  
146 100  
111 39.1 19.3 57.8  
148 63.3 32.6 97.8

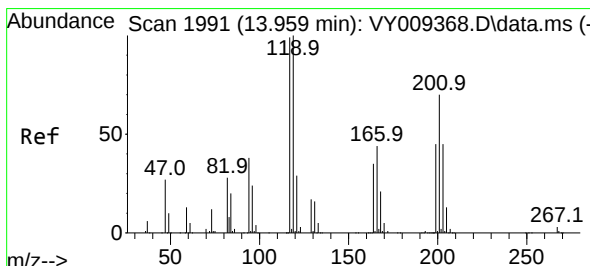
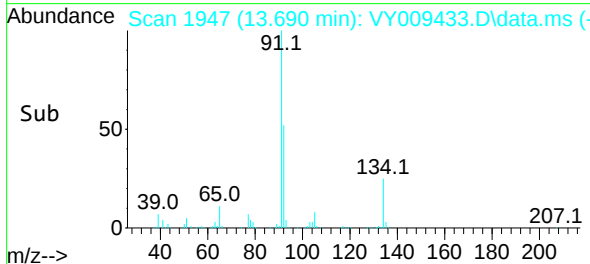
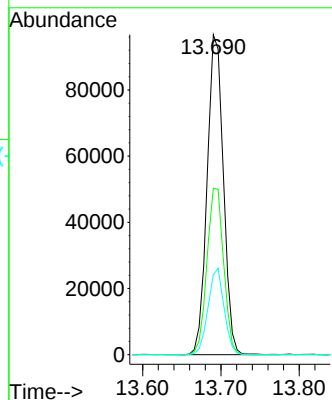
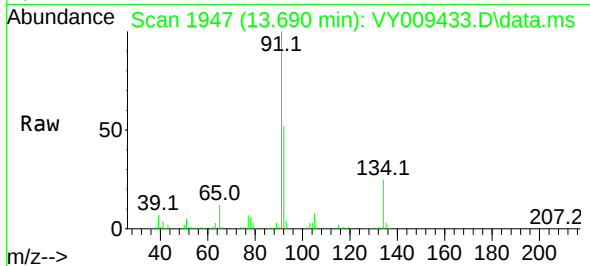




#89  
n-Butylbenzene  
Concen: 21.132 ug/l  
RT: 13.690 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

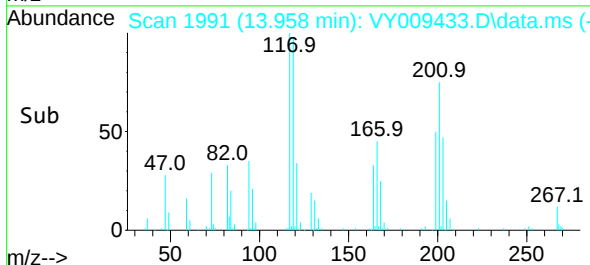
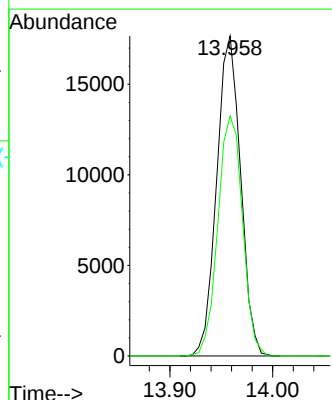
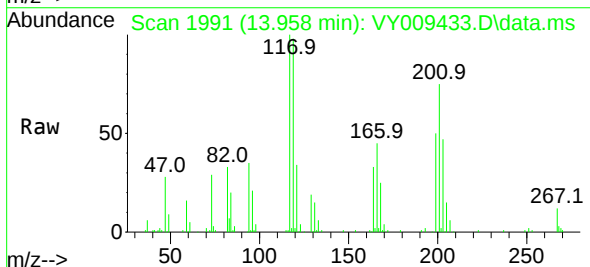
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBSD02

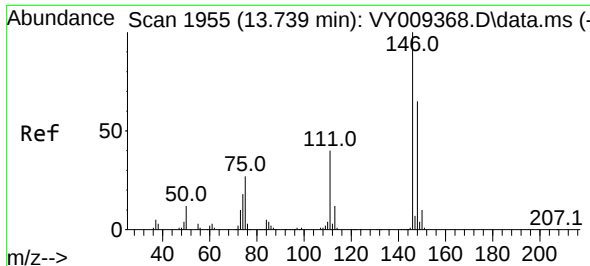
Tgt Ion: 91 Resp: 139181  
Ion Ratio Lower Upper  
91 100  
92 53.4 26.3 78.9  
134 26.6 13.0 38.9



#90  
Hexachloroethane  
Concen: 20.542 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.001 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 117 Resp: 28548  
Ion Ratio Lower Upper  
117 100  
201 77.1 43.0 128.8

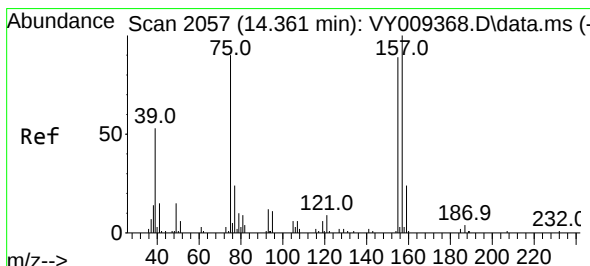
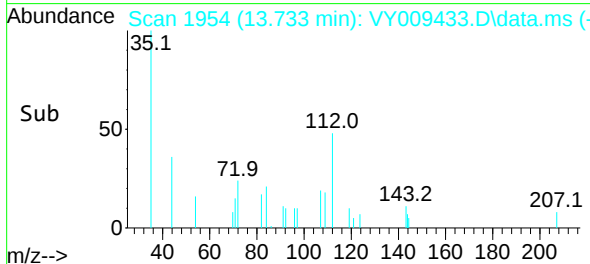
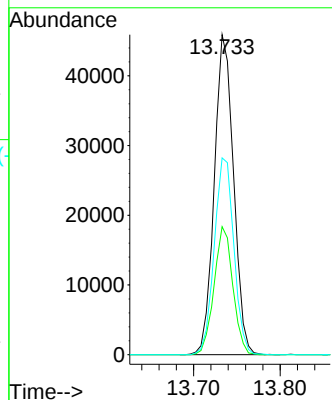
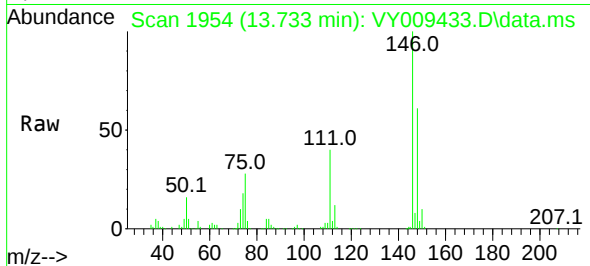




#91  
1,2-Dichlorobenzene  
Concen: 21.063 ug/l  
RT: 13.733 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

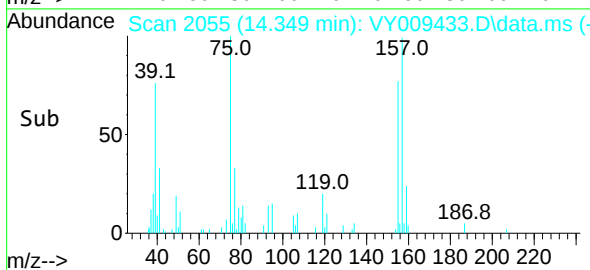
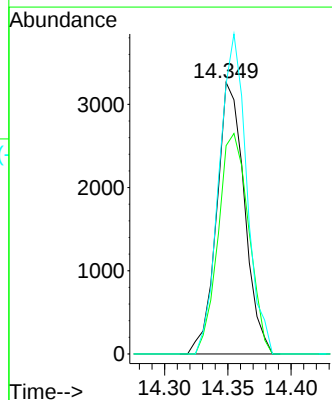
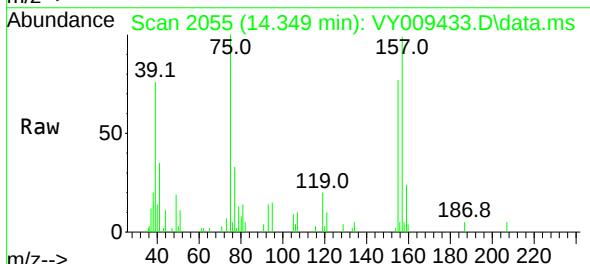
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0705SBS02

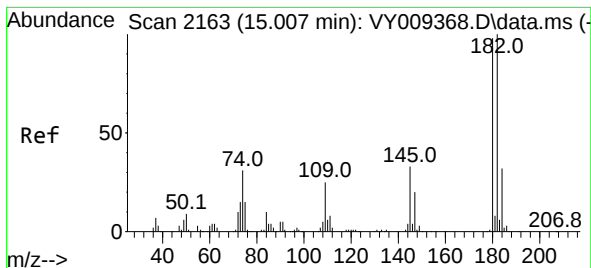
Tgt Ion:146 Resp: 70869  
Ion Ratio Lower Upper  
146 100  
111 39.0 20.3 60.9  
148 62.7 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.447 ug/l  
RT: 14.349 min Scan# 2055  
Delta R.T. -0.006 min  
Lab File: VY009433.D  
Acq: 05 Jul 2022 13:32

Tgt Ion: 75 Resp: 4973  
Ion Ratio Lower Upper  
75 100  
155 89.0 38.0 113.9  
157 117.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.519 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0705SBS02

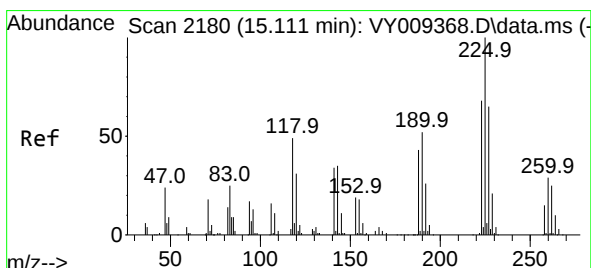
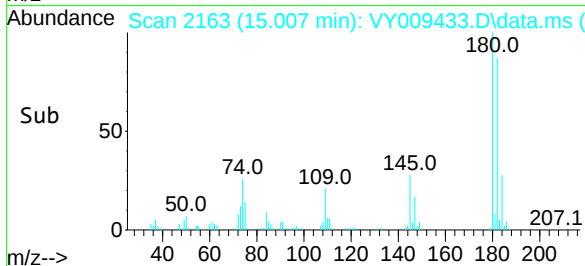
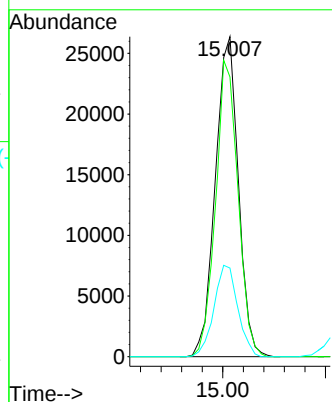
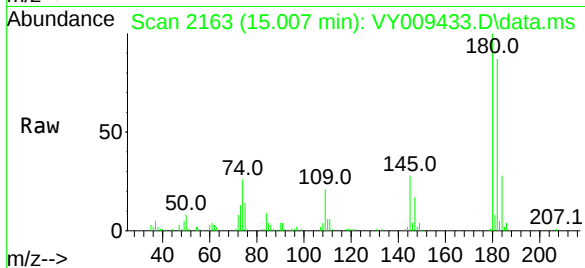
Tgt Ion:180 Resp: 40981

Ion Ratio Lower Upper

180 100

182 90.2 47.3 141.9

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.809 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

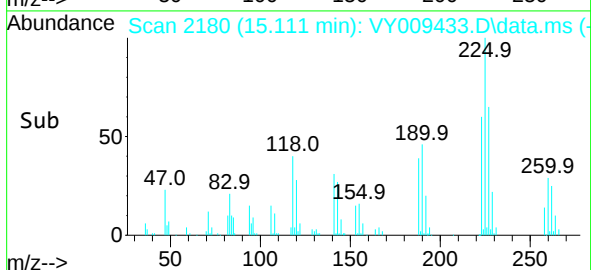
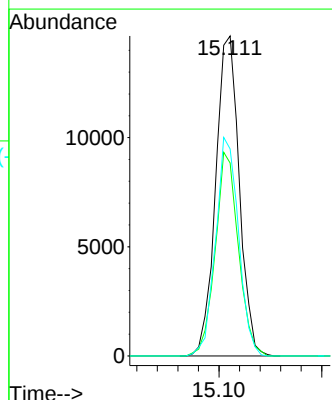
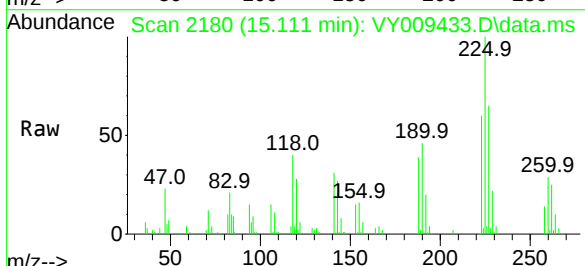
Tgt Ion:225 Resp: 23331

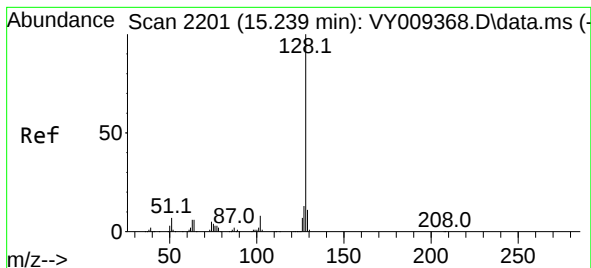
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 66.4 31.6 94.7





#95

Naphthalene

Concen: 19.324 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0705SBSD02

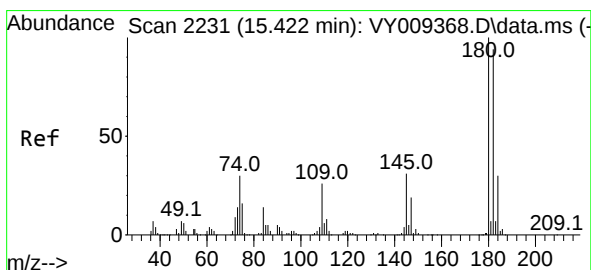
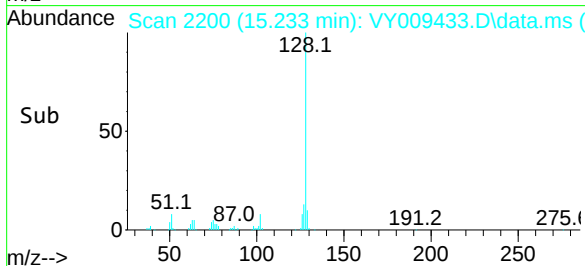
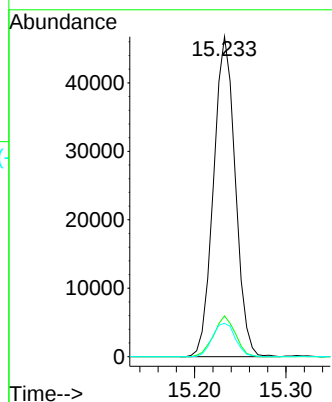
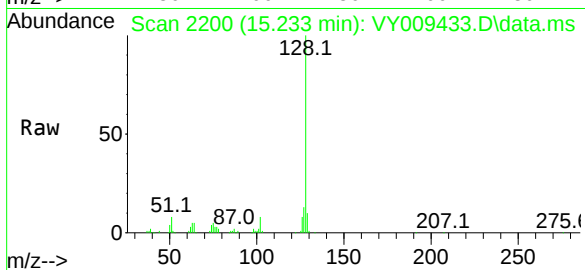
Tgt Ion:128 Resp: 77275

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.759 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009433.D

Acq: 05 Jul 2022 13:32

Tgt Ion:180 Resp: 34285

Ion Ratio Lower Upper

180 100

182 97.1 47.3 141.9

145 30.5 15.3 45.9

