

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062722\  
 Data File : VY009342.D  
 Acq On : 27 Jun 2022 14:49  
 Operator : KP/MD  
 Sample : VY0627SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBSD01

Quant Time: Jun 28 04:29:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062422S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 25 07:08:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 160622   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 259107   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.484 | 117  | 243812   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 126754   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 59288    | 48.907   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.820%  |
| 35) Dibromofluoromethane    | 7.710  | 113   | 65179    | 46.605   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 93.200%  |
| 50) Toluene-d8              | 10.173 | 98    | 201515   | 49.208   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 98.420%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 103872   | 52.149   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 104.300% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 27765  | 20.942  | ug/l   | 96  |
| 3) Chloromethane             | 2.107 | 50  | 30282  | 19.439  | ug/l   | 93  |
| 4) Vinyl Chloride            | 2.241 | 62  | 34601  | 20.649  | ug/l   | 96  |
| 5) Bromomethane              | 2.619 | 94  | 23112  | 21.398  | ug/l   | 100 |
| 6) Chloroethane              | 2.772 | 64  | 18710  | 22.056  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 45041  | 21.125  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.522 | 74  | 13260  | 16.015  | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 25516  | 16.740  | ug/l   | 93  |
| 10) Methyl Iodide            | 4.076 | 142 | 31360  | 15.495  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.918 | 59  | 39975  | 167.222 | ug/l # | 87  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 22255  | 14.854  | ug/l   | 92  |
| 13) Acrolein                 | 3.717 | 56  | 8673   | 58.327  | ug/l   | 95  |
| 14) Allyl chloride           | 4.467 | 41  | 53368  | 20.292  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.149 | 53  | 50795  | 111.385 | ug/l   | 99  |
| 16) Acetone                  | 3.936 | 43  | 24294  | 59.161  | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.174 | 76  | 74905  | 15.357  | ug/l   | 96  |
| 18) Methyl Acetate           | 4.473 | 43  | 26861  | 23.495  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 87623  | 20.818  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.698 | 84  | 46913  | 24.841  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 35076  | 19.844  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.106 | 45  | 118183 | 22.684  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.045 | 43  | 376224 | 112.209 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 61678  | 20.522  | ug/l   | 99  |
| 25) 2-Butanone               | 6.978 | 43  | 69909  | 113.208 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 57340  | 20.570  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 39770  | 20.528  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.320 | 49  | 26434  | 20.561  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 46564  | 117.491 | ug/l   | 97  |
| 30) Chloroform               | 7.496 | 83  | 62283  | 20.542  | ug/l   | 95  |
| 31) Cyclohexane              | 7.777 | 56  | 57348  | 19.744  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 54638  | 20.407  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 48343  | 20.597  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.064 | 43  | 31601  | 23.706  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 49983  | 20.710  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.179 | 83  | 59338  | 20.289  | ug/l   | 97  |
| 40) Benzene                  | 8.155 | 78  | 142254 | 20.595  | ug/l   | 99  |

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 Sample : VY0627SBSD01  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBSD01

Quant Time: Jun 28 04:29:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062422S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 25 07:08:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 42560    | 59.300  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 42214    | 21.708  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.265  | 43   | 57251    | 23.246  | ug/l   | 98       |
| 44) Trichloroethene           | 8.935  | 130  | 40719    | 21.082  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.210  | 63   | 36783    | 21.696  | ug/l   | 97       |
| 46) Dibromomethane            | 9.301  | 93   | 21359    | 21.728  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.490  | 83   | 49451    | 21.633  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 24188    | 22.100  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 6225     | 465.753 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 156222   | 125.554 | ug/l   | 97       |
| 52) Toluene                   | 10.240 | 92   | 94301    | 22.036  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 52316    | 21.624  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 58464    | 21.209  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 29488    | 21.789  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 40318    | 22.538  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 50503    | 21.970  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.777  | 63   | 100955   | 109.128 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.825 | 43   | 105593   | 122.006 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.978 | 129  | 36256    | 22.114  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 29507    | 22.245  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 45861    | 21.625  | ug/l   | 89       |
| 65) Chlorobenzene             | 11.508 | 112  | 100211   | 20.715  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 37001    | 21.345  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.587 | 91   | 179162   | 20.975  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.697 | 106  | 143139   | 42.654  | ug/l   | 99       |
| 69) o-Xylene                  | 12.026 | 106  | 66563    | 21.137  | ug/l   | 100      |
| 70) Styrene                   | 12.038 | 104  | 113138   | 21.642  | ug/l   | 99       |
| 71) Bromoform                 | 12.203 | 173  | 23168    | 21.653  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.325 | 105  | 176860   | 20.237  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 51246    | 21.830  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 34976    | 21.233  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 48309    | 39.274  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 42871    | 20.041  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.666 | 91   | 220054   | 20.418  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 121030   | 20.212  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 151400   | 20.567  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 13666    | 21.993  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 128860   | 20.653  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.069 | 119  | 133014   | 20.663  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 151122   | 20.822  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.252 | 105  | 201713   | 21.125  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 166524   | 21.081  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 83505    | 20.263  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.441 | 146  | 87832    | 21.123  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.690 | 91   | 156669   | 21.147  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 31611    | 21.146  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 78759    | 21.293  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 6217     | 21.843  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 47655    | 21.415  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 26705    | 21.725  | ug/l   | 97       |
| 95) Naphthalene               | 15.233 | 128  | 93876    | 21.070  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 40562    | 21.040  | ug/l   | 98       |

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Sample : VY0627SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

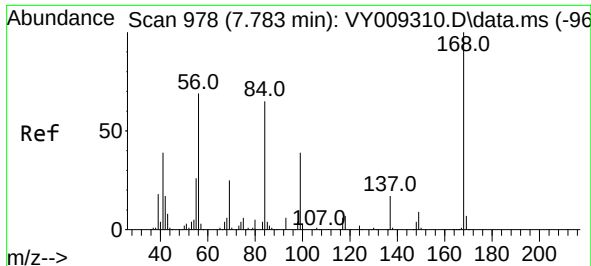
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

Quant Time: Jun 28 04:29:52 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062422S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 25 07:08:46 2022  
Response via : Initial Calibration

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

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

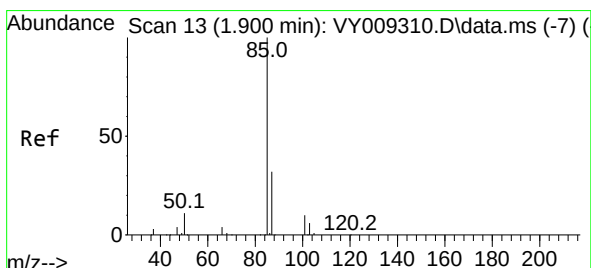
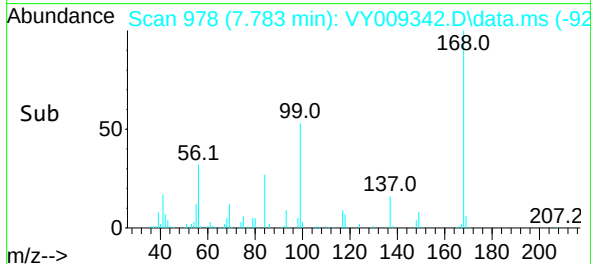
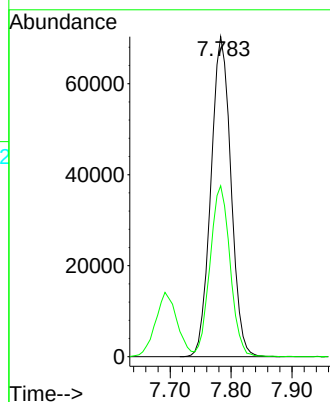
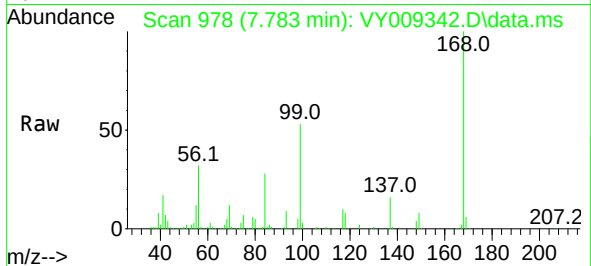




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY009342.D  
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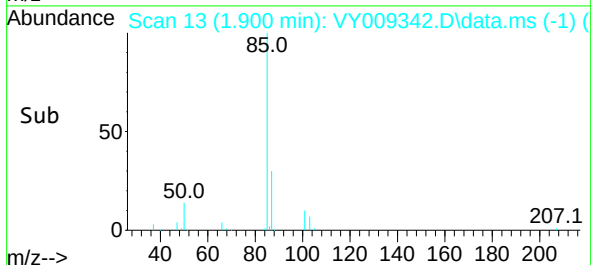
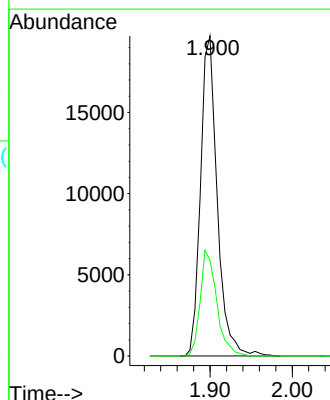
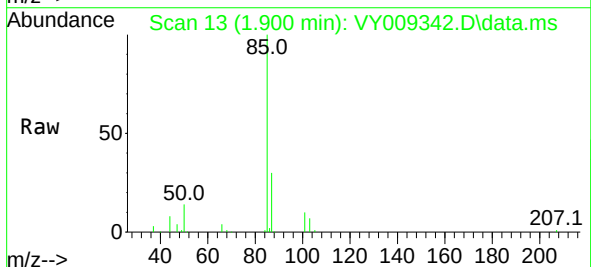
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

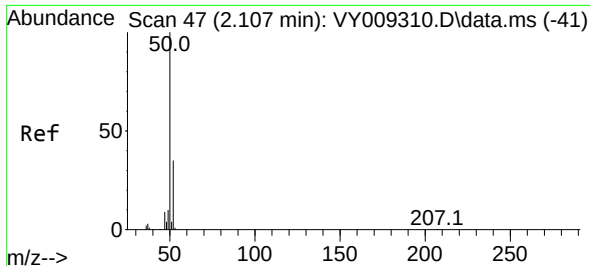
Tgt Ion:168 Resp: 160622  
Ion Ratio Lower Upper  
168 100  
99 53.4 42.1 63.1



#2  
Dichlorodifluoromethane  
Concen: 20.942 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 85 Resp: 27765  
Ion Ratio Lower Upper  
85 100  
87 30.0 16.2 48.5

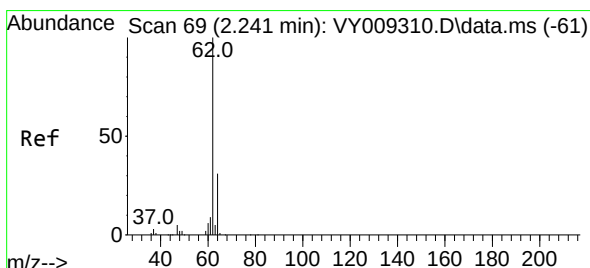
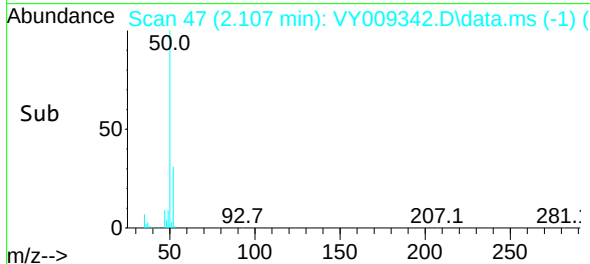
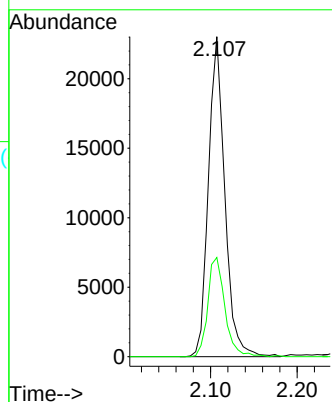
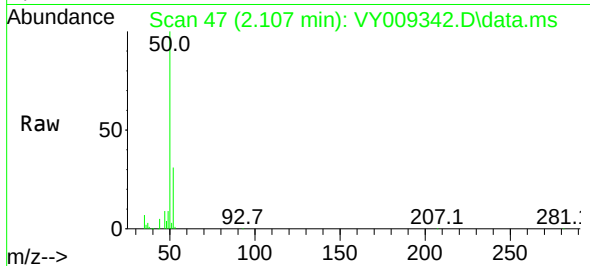




#3  
Chloromethane  
Concen: 19.439 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

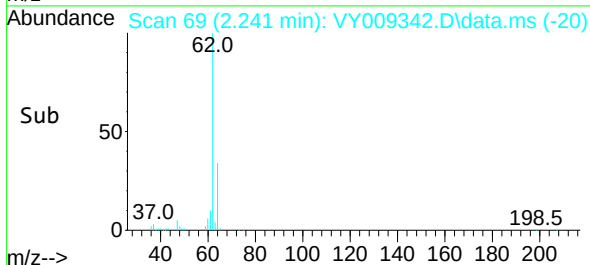
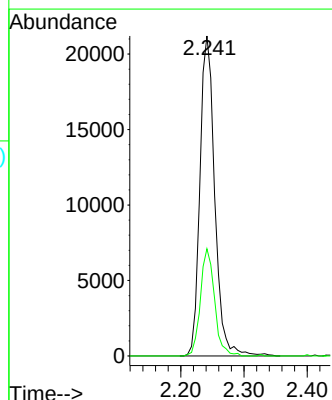
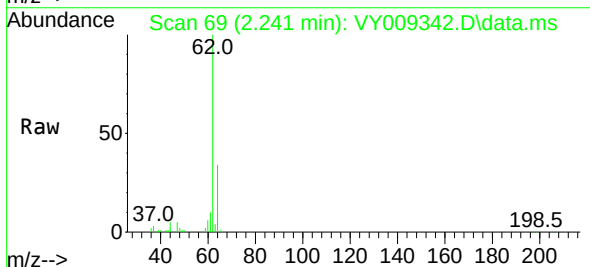
Instrument :  
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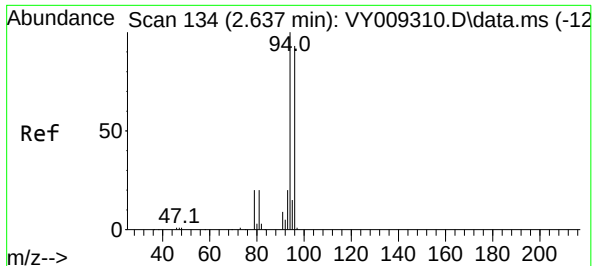
Tgt Ion: 50 Resp: 30282  
Ion Ratio Lower Upper  
50 100  
52 31.0 27.9 41.9



#4  
Vinyl Chloride  
Concen: 20.649 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 62 Resp: 34601  
Ion Ratio Lower Upper  
62 100  
64 33.5 25.0 37.4

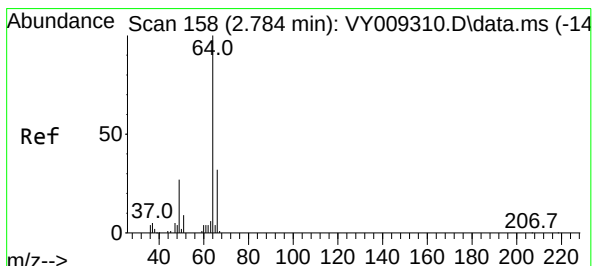
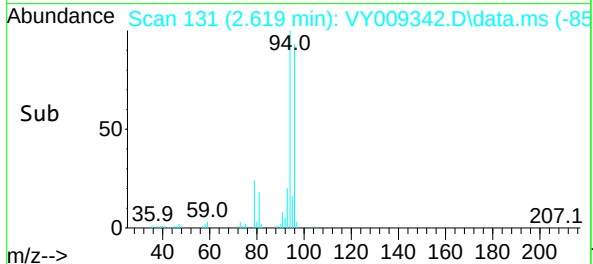
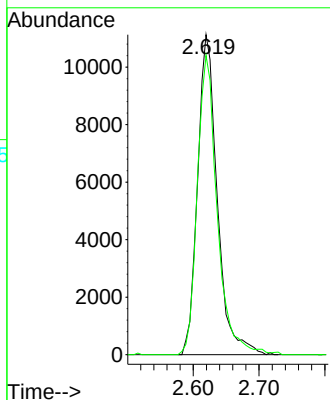
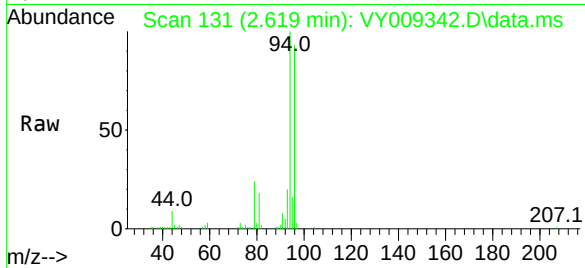




#5  
Bromomethane  
Concen: 21.398 ug/l  
RT: 2.619 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

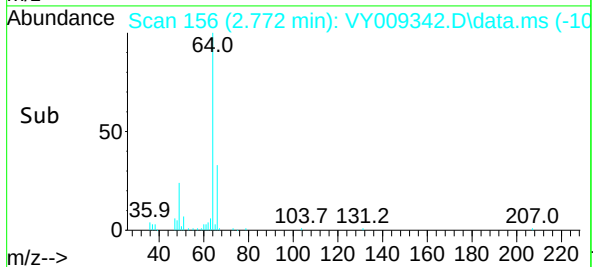
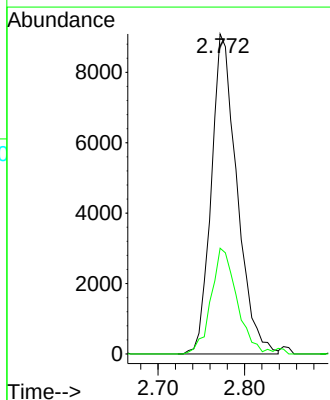
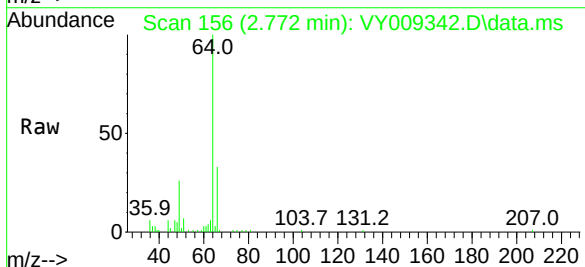
Instrument :  
MSVOA\_Y  
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VY0627SBSD01

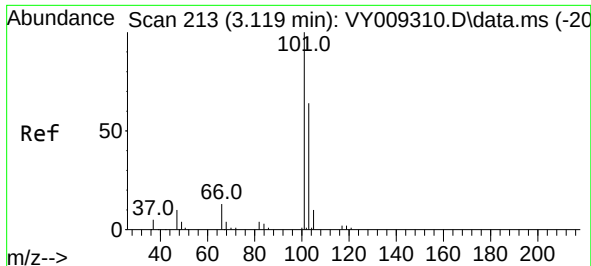
Tgt Ion: 94 Resp: 23112  
Ion Ratio Lower Upper  
94 100  
96 93.5 74.6 111.8



#6  
Chloroethane  
Concen: 22.056 ug/l  
RT: 2.772 min Scan# 156  
Delta R.T. -0.012 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 64 Resp: 18710  
Ion Ratio Lower Upper  
64 100  
66 33.1 25.8 38.8

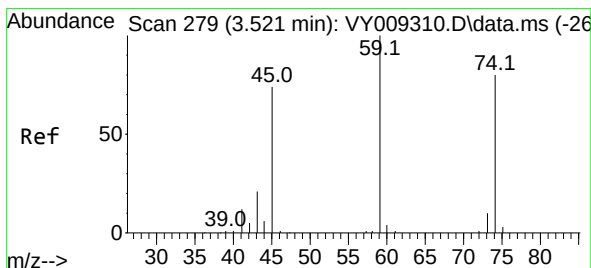
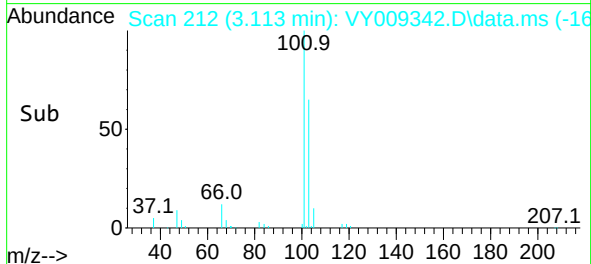
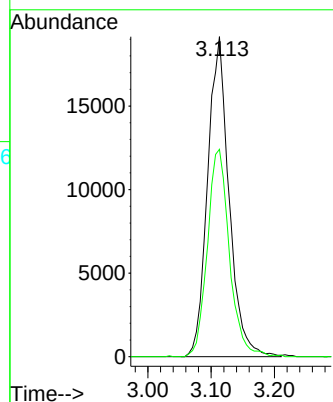
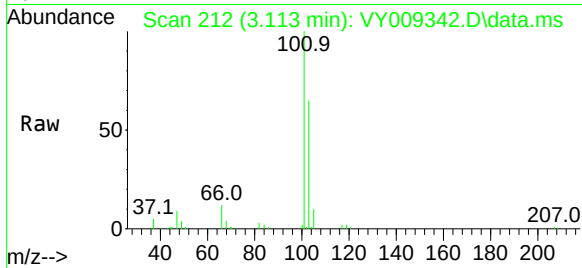




#7  
Trichlorofluoromethane  
Concen: 21.125 ug/l  
RT: 3.113 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

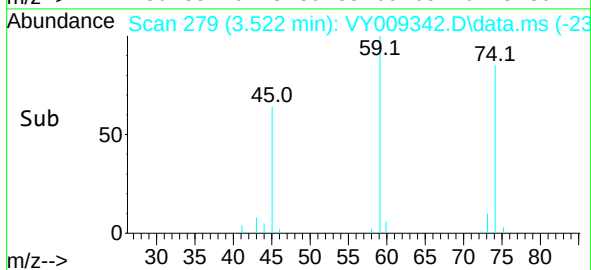
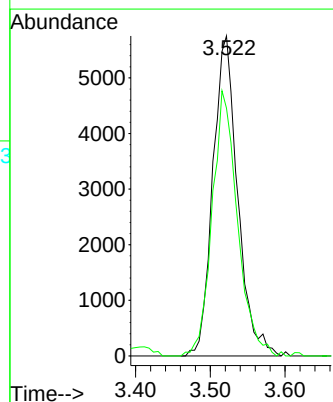
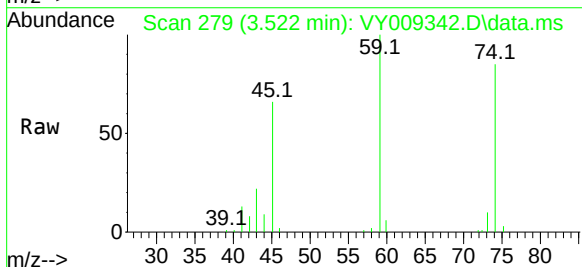
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

Tgt Ion:101 Resp: 45041  
Ion Ratio Lower Upper  
101 100  
103 64.8 51.4 77.2

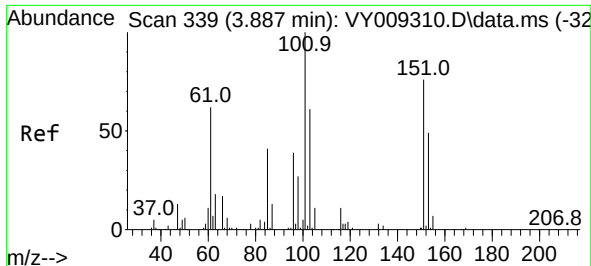


#8  
Diethyl Ether  
Concen: 16.015 ug/l  
RT: 3.522 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 74 Resp: 13260  
Ion Ratio Lower Upper  
74 100  
45 85.0 49.1 147.4



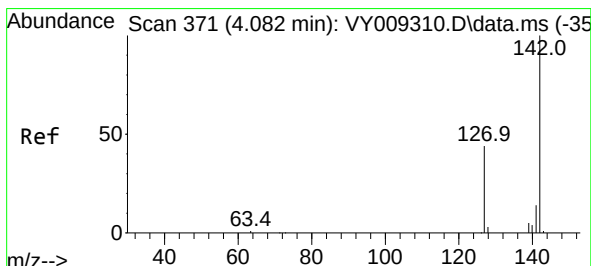
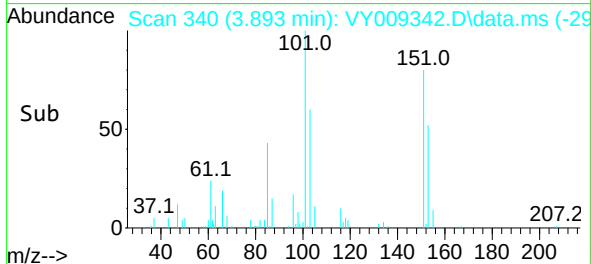
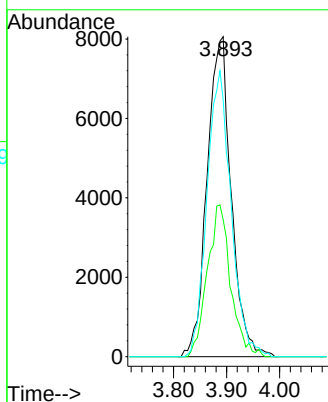
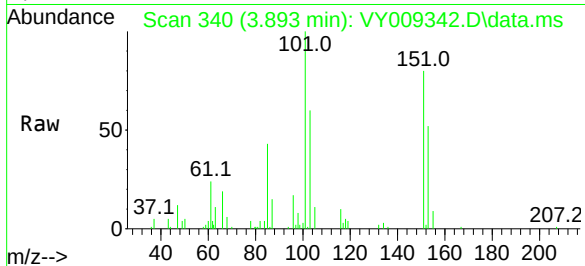




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 16.740 ug/l  
RT: 3.893 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

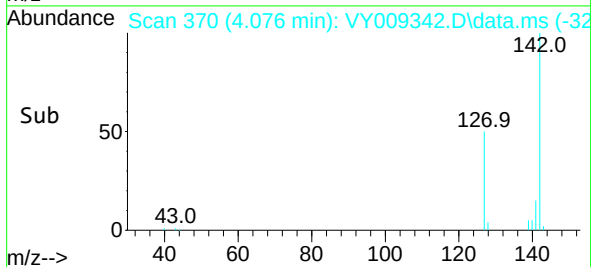
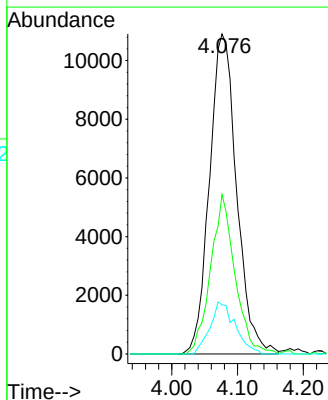
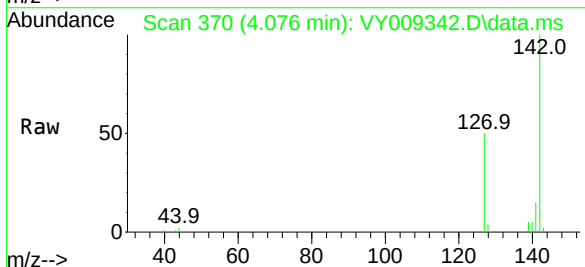
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

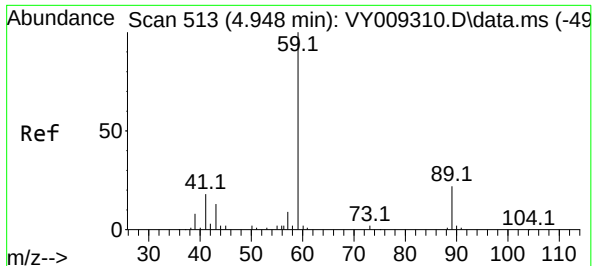
Tgt Ion:101 Resp: 25516  
Ion Ratio Lower Upper  
101 100  
85 45.8 36.2 54.2  
151 89.3 63.6 95.4



#10  
Methyl Iodide  
Concen: 15.495 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion:142 Resp: 31360  
Ion Ratio Lower Upper  
142 100  
127 44.7 35.2 52.8  
141 15.1 11.4 17.2

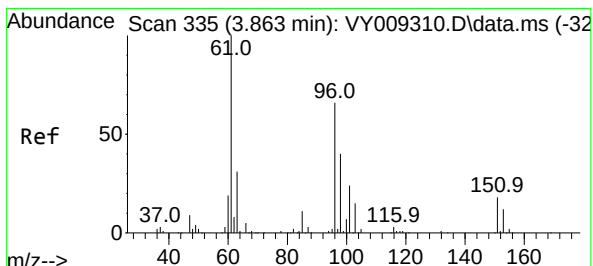
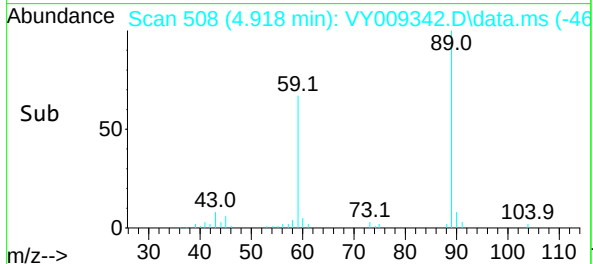
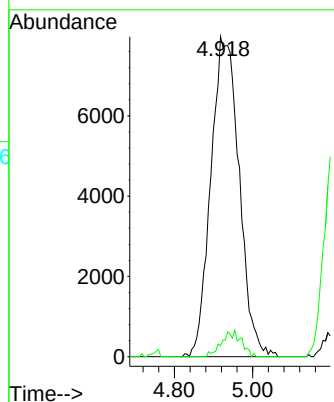
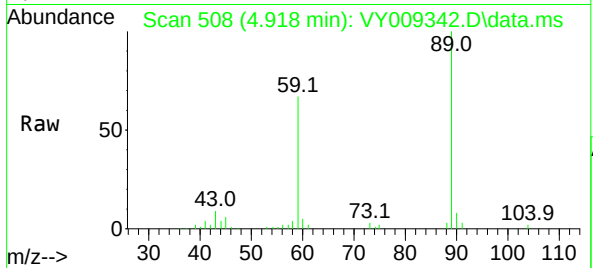




#11  
Tert butyl alcohol  
Concen: 167.222 ug/l  
RT: 4.918 min Scan# 508  
Delta R.T. -0.030 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

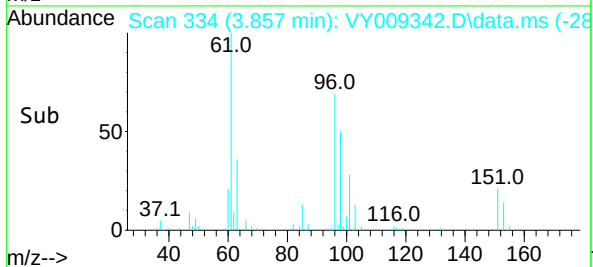
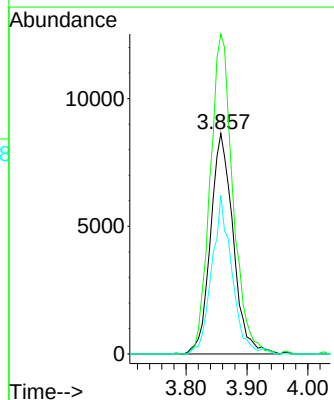
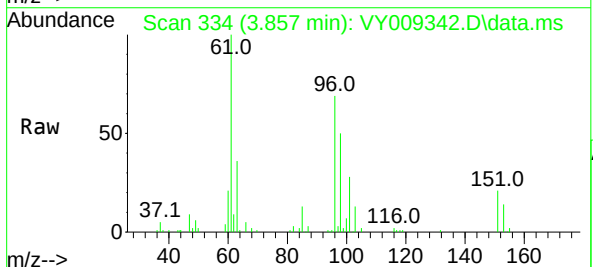
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

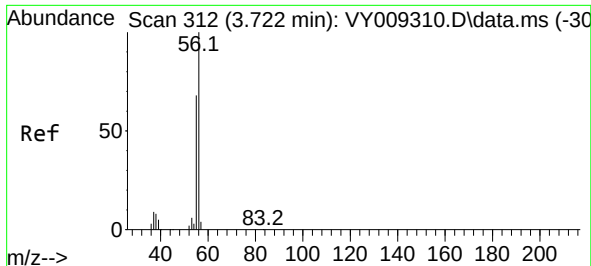
Tgt Ion: 59 Resp: 39975  
Ion Ratio Lower Upper  
59 100  
57 3.2 6.3 9.5#



#12  
1,1-Dichloroethene  
Concen: 14.854 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 96 Resp: 22255  
Ion Ratio Lower Upper  
96 100  
61 145.1 121.9 182.9  
98 71.9 48.2 72.4





#13

Acrolein

Concen: 58.327 ug/l

RT: 3.717 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

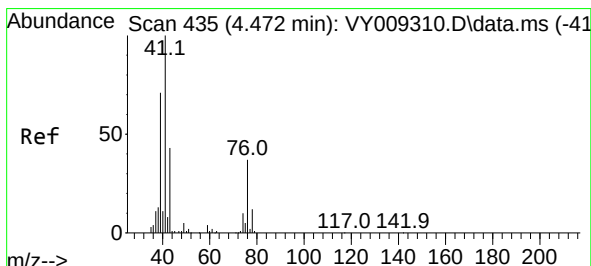
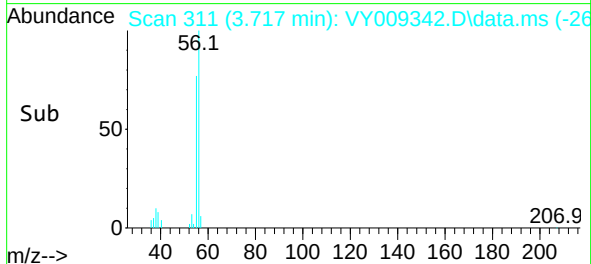
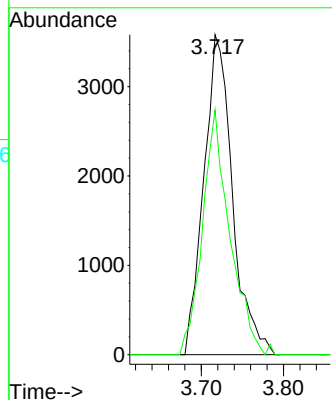
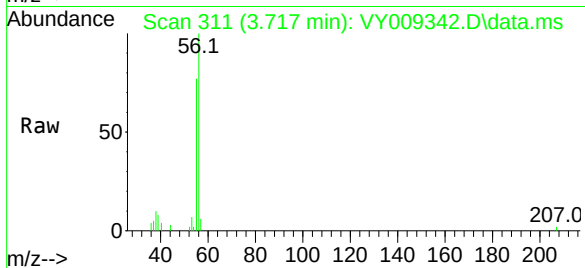
VY0627SBSD01

Tgt Ion: 56 Resp: 8673

Ion Ratio Lower Upper

56 100

55 72.7 54.8 82.2



#14

Allyl chloride

Concen: 20.292 ug/l

RT: 4.467 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

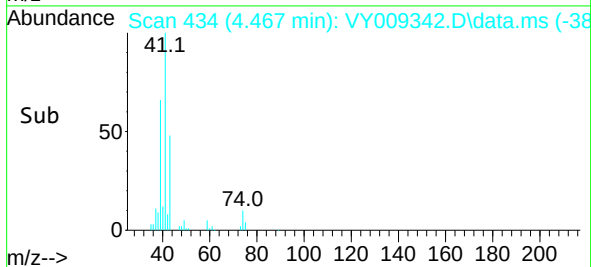
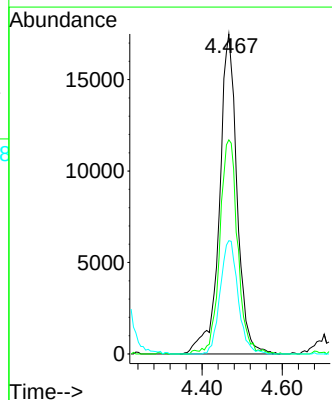
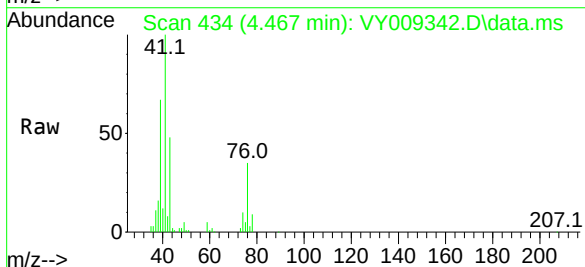
Tgt Ion: 41 Resp: 53368

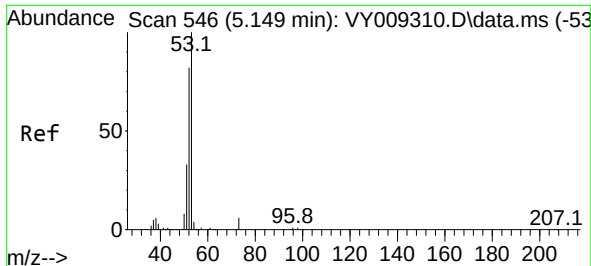
Ion Ratio Lower Upper

41 100

39 68.0 53.5 80.3

76 36.0 29.4 44.0

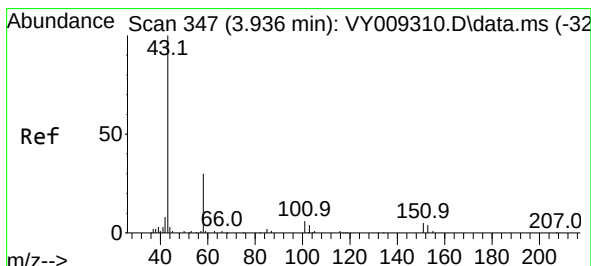
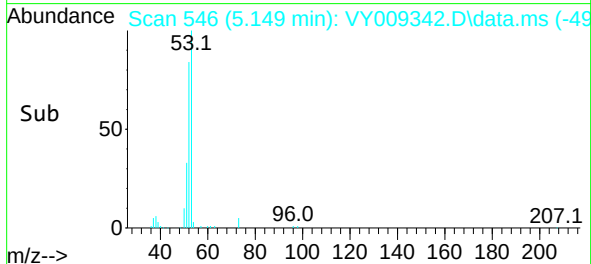
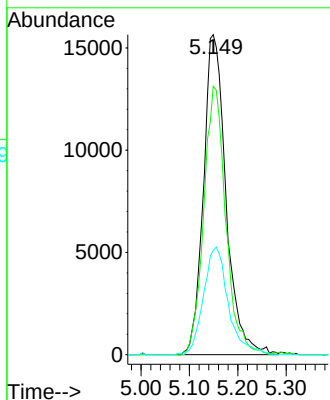
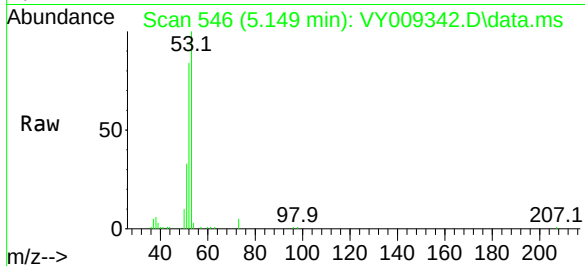




#15  
Acrylonitrile  
Concen: 111.385 ug/l  
RT: 5.149 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

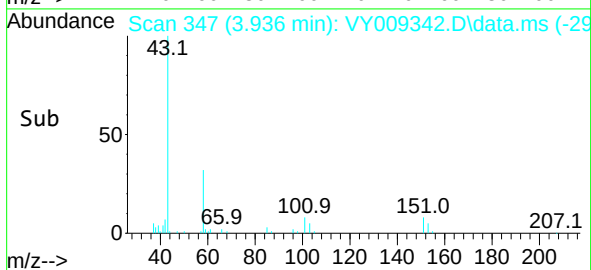
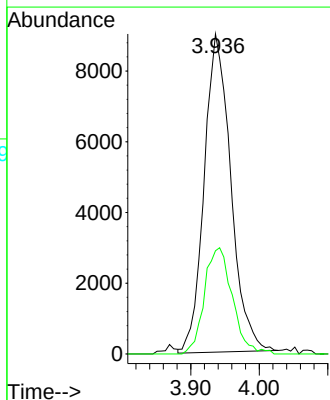
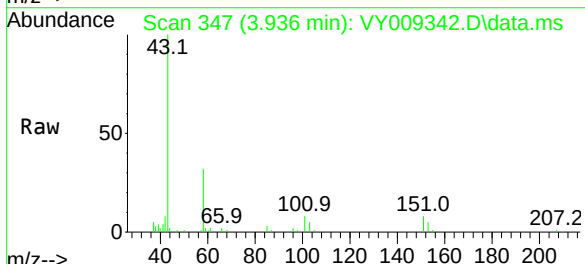
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

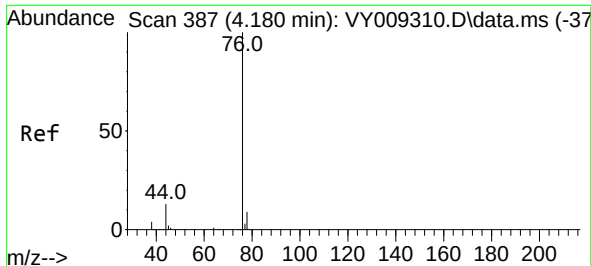
Tgt Ion: 53 Resp: 50795  
Ion Ratio Lower Upper  
53 100  
52 81.8 65.4 98.2  
51 37.0 28.4 42.6



#16  
Acetone  
Concen: 59.161 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 43 Resp: 24294  
Ion Ratio Lower Upper  
43 100  
58 32.6 24.0 36.0

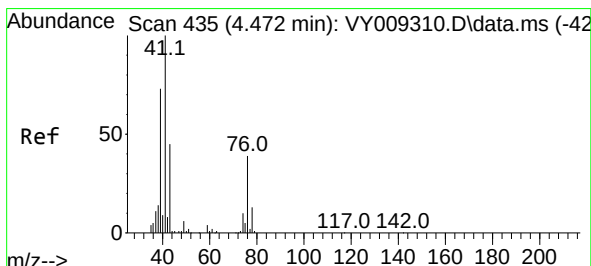
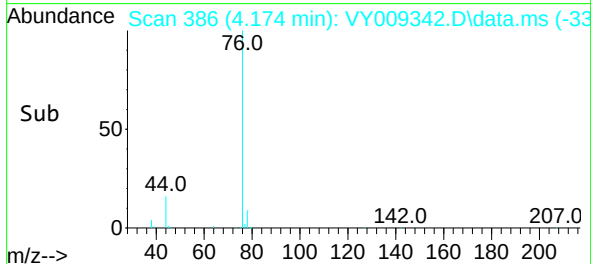
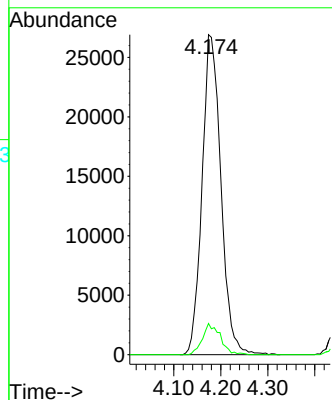
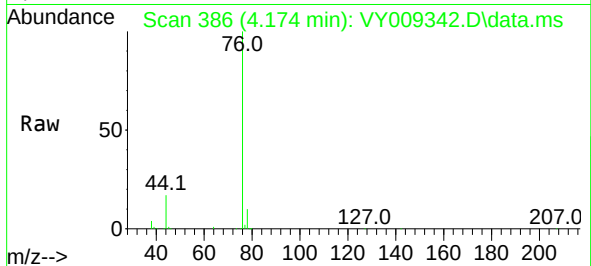




#17  
Carbon Disulfide  
Concen: 15.357 ug/l  
RT: 4.174 min Scan# 386  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

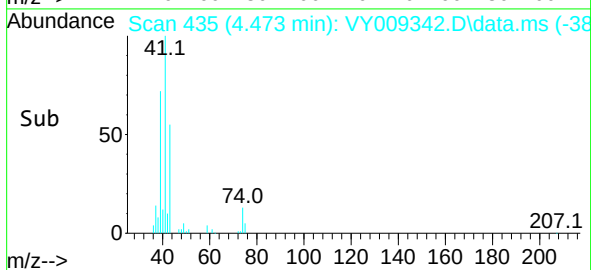
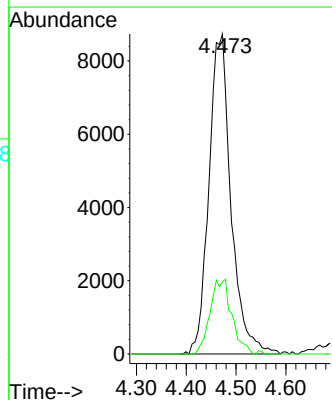
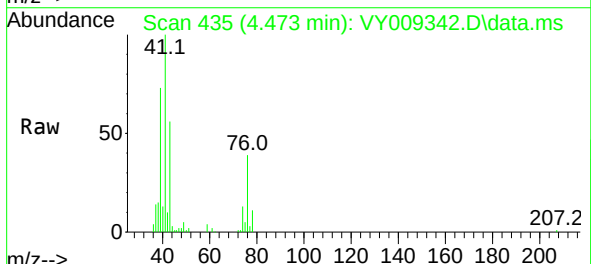
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

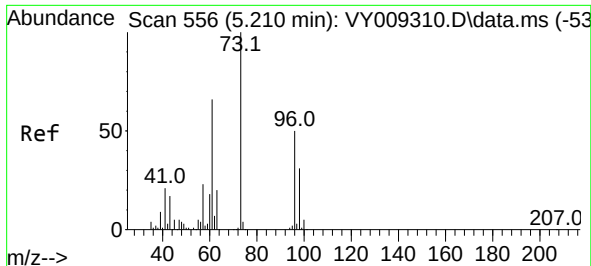
Tgt Ion: 76 Resp: 74905  
Ion Ratio Lower Upper  
76 100  
78 9.8 6.8 10.2



#18  
Methyl Acetate  
Concen: 23.495 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 43 Resp: 26861  
Ion Ratio Lower Upper  
43 100  
74 22.9 18.8 28.2

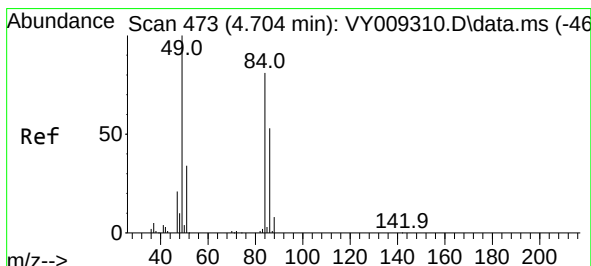
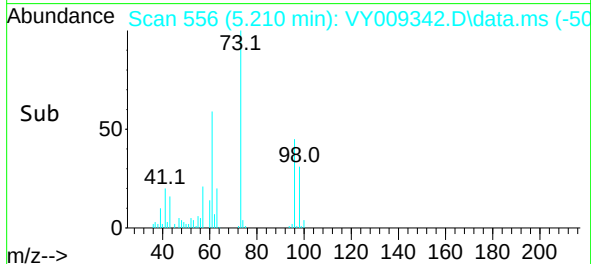
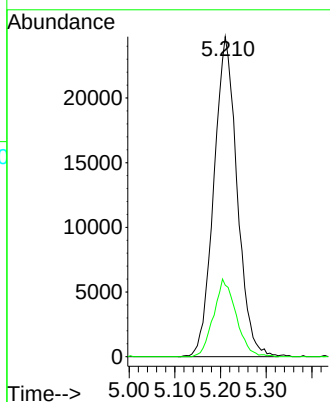
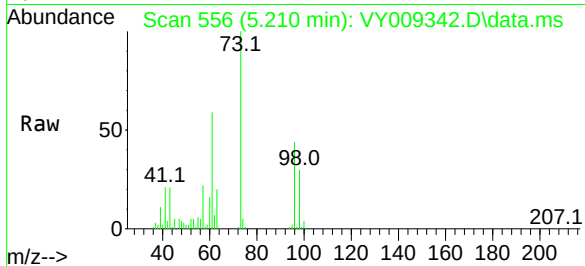




#19  
Methyl tert-butyl Ether  
Concen: 20.818 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

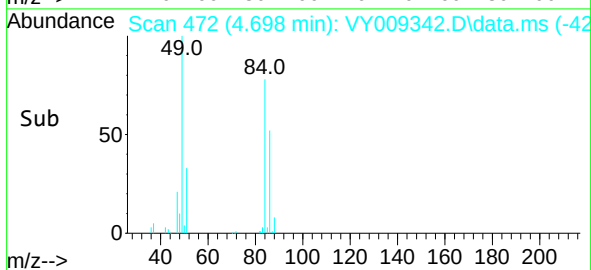
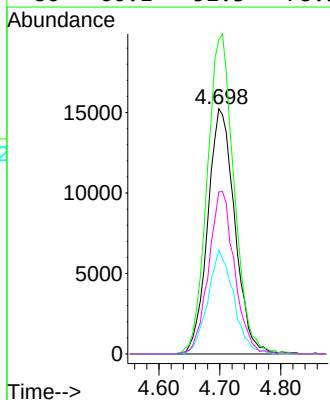
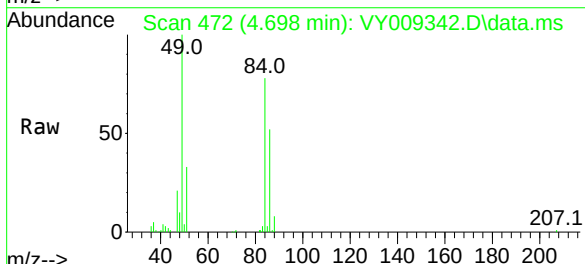
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

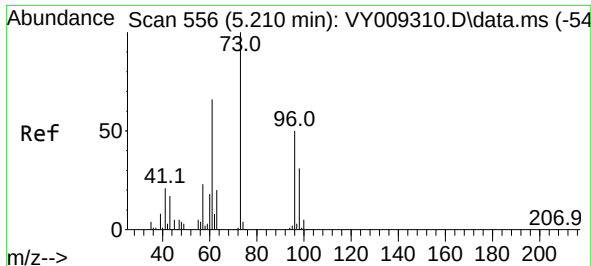
Tgt Ion: 73 Resp: 87623  
Ion Ratio Lower Upper  
73 100  
57 22.4 18.5 27.7



#20  
Methylene Chloride  
Concen: 24.841 ug/l  
RT: 4.698 min Scan# 472  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 84 Resp: 46913  
Ion Ratio Lower Upper  
84 100  
49 127.9 98.2 147.4  
51 42.4 33.4 50.0  
86 66.1 52.3 78.5

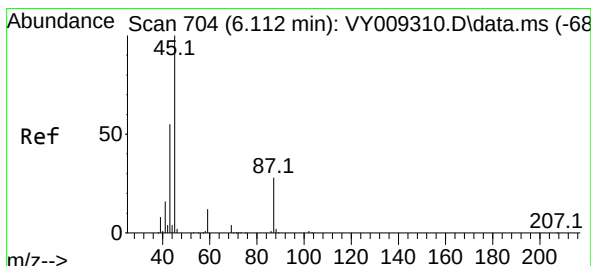
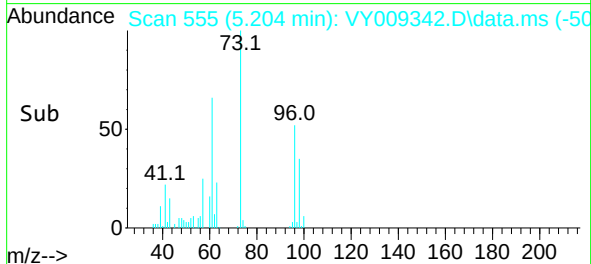
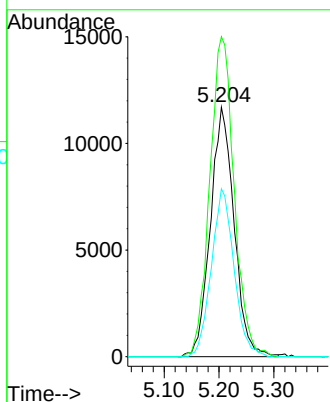
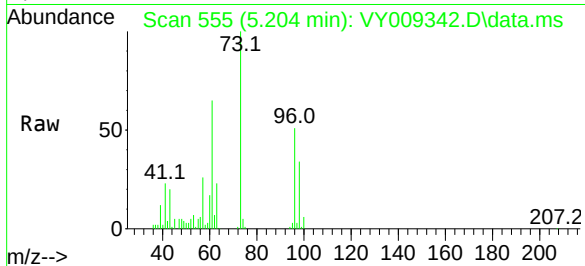




#21  
trans-1,2-Dichloroethene  
Concen: 19.844 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

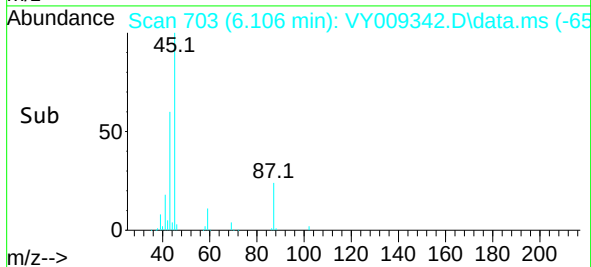
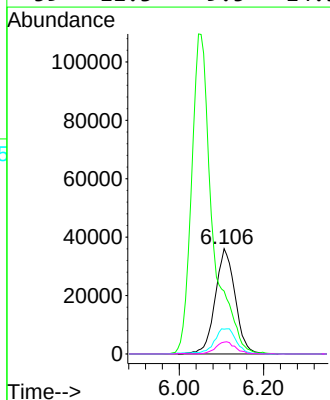
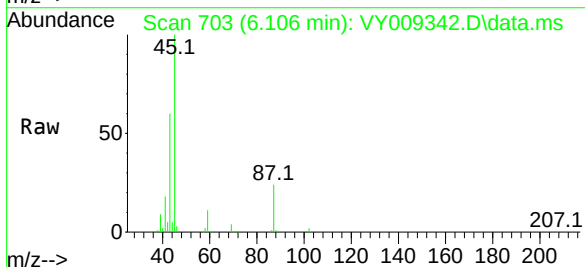
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

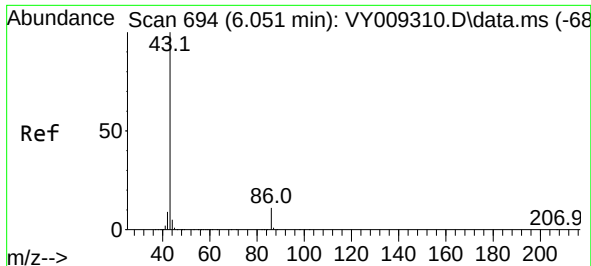
Tgt Ion: 96 Resp: 35076  
Ion Ratio Lower Upper  
96 100  
61 128.3 105.8 158.6  
98 67.3 49.7 74.5



#22  
Diisopropyl ether  
Concen: 22.684 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 45 Resp: 118183  
Ion Ratio Lower Upper  
45 100  
43 59.3 43.7 65.5  
87 23.6 22.2 33.4  
59 11.3 9.5 14.3

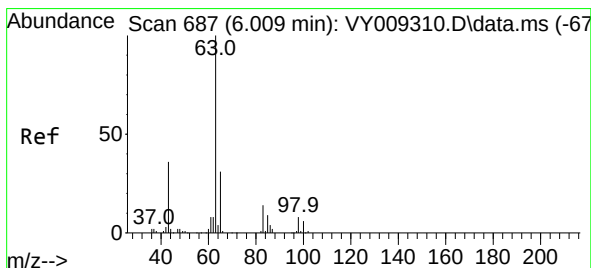
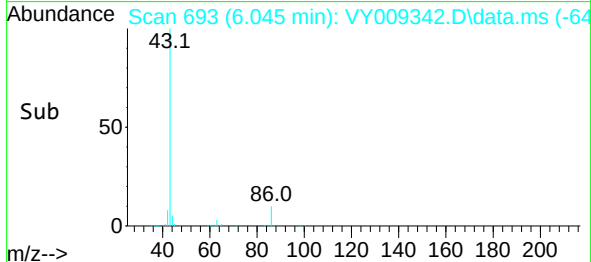
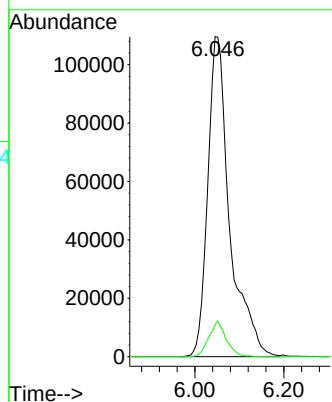
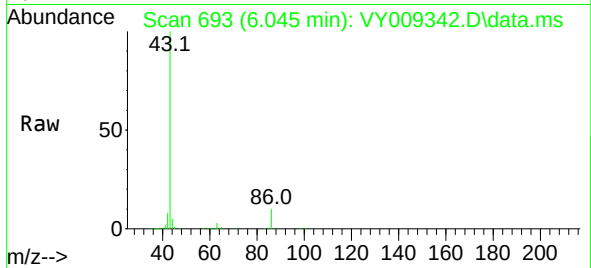




#23  
 Vinyl Acetate  
 Concen: 112.209 ug/l  
 RT: 6.045 min Scan# 694  
 Delta R.T. -0.006 min  
 Lab File: VY009342.D  
 Acq: 27 Jun 2022 14:49

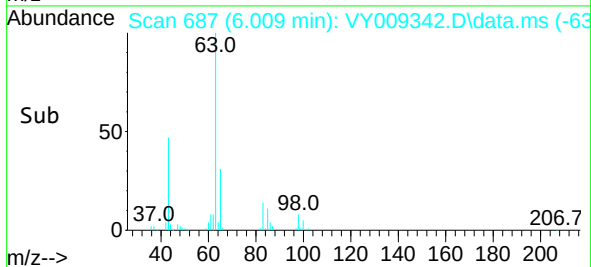
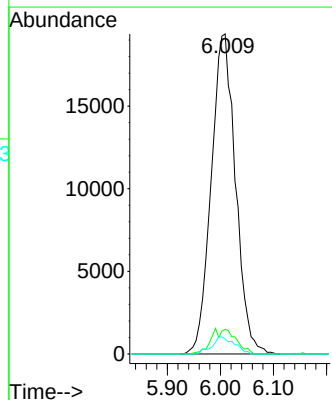
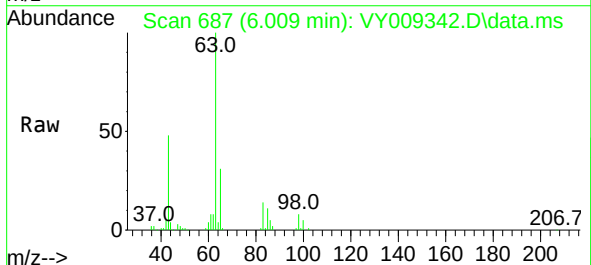
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBS01

Tgt Ion: 43 Resp: 376224  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 9.0 13.6

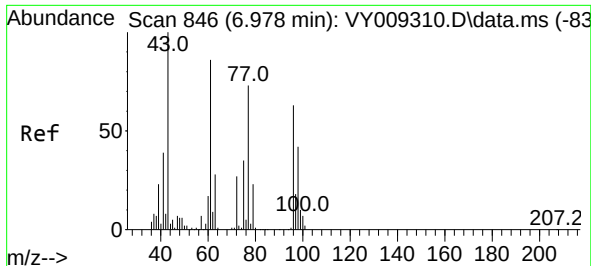


#24  
 1,1-Dichloroethane  
 Concen: 20.522 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. 0.000 min  
 Lab File: VY009342.D  
 Acq: 27 Jun 2022 14:49

Tgt Ion: 63 Resp: 61678  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.9 11.7  
 100 4.7 2.8 8.3



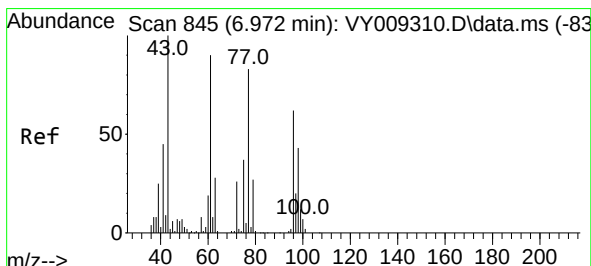
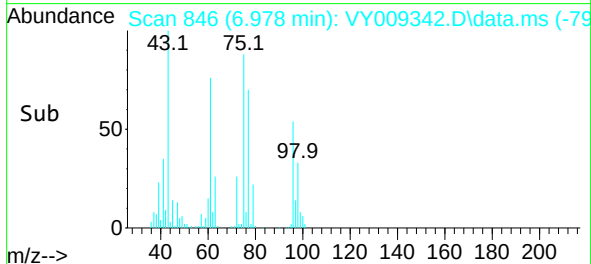
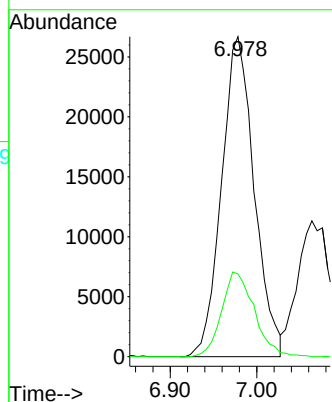
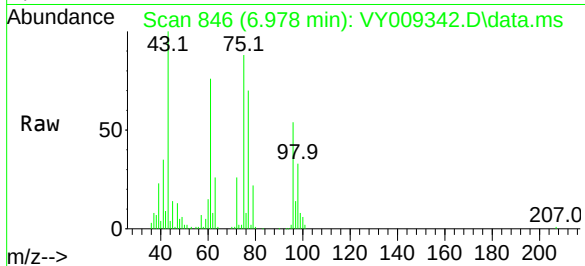




#25  
2-Butanone  
Concen: 113.208 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

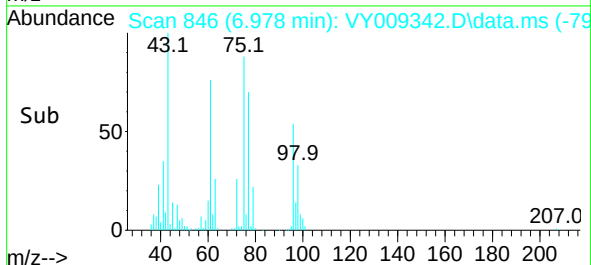
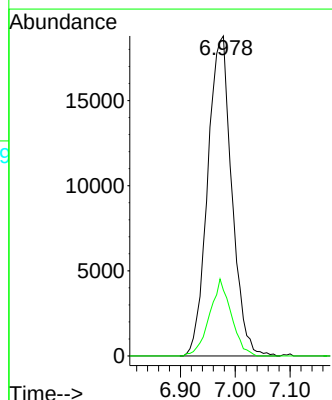
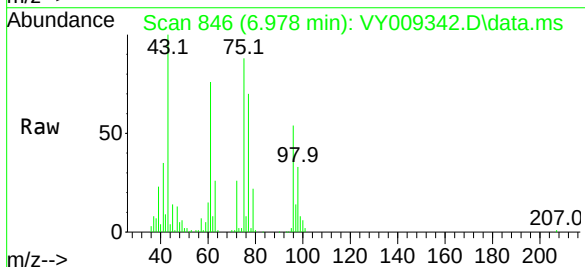
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

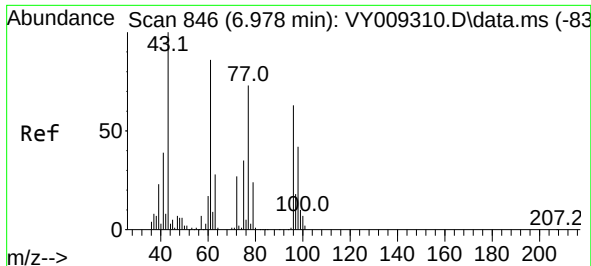
Tgt Ion: 43 Resp: 69909  
Ion Ratio Lower Upper  
43 100  
72 25.9 21.5 32.3



#26  
2,2-Dichloropropane  
Concen: 20.570 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 77 Resp: 57340  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.528 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

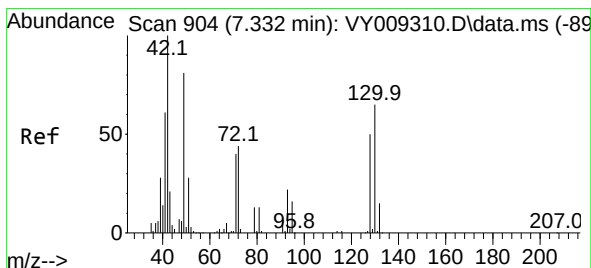
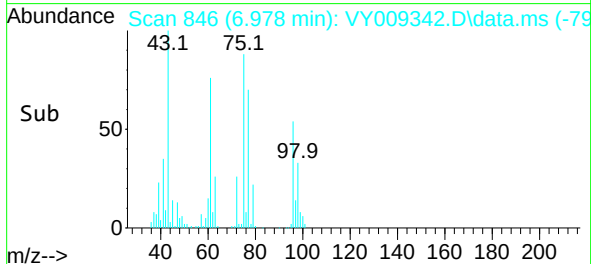
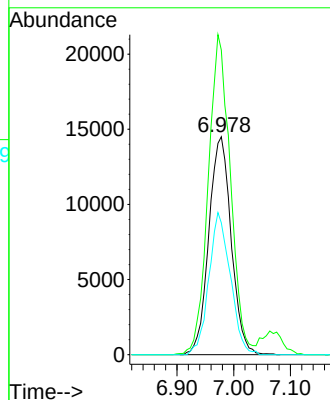
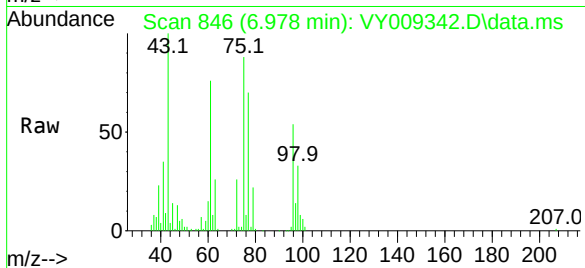
Tgt Ion: 96 Resp: 39770

Ion Ratio Lower Upper

96 100

61 145.2 0.0 285.6

98 62.4 0.0 131.0



#28

Bromochloromethane

Concen: 20.561 ug/l

RT: 7.320 min Scan# 902

Delta R.T. -0.012 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

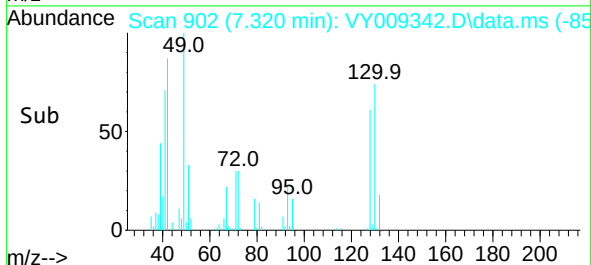
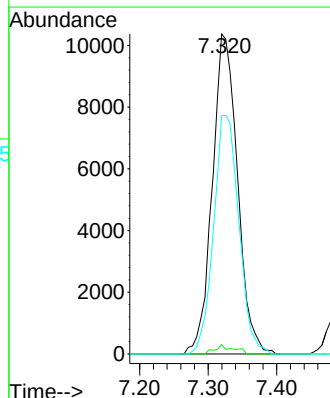
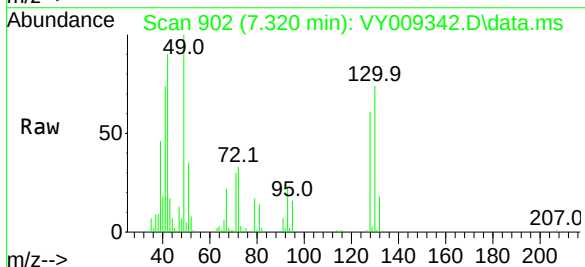
Tgt Ion: 49 Resp: 26434

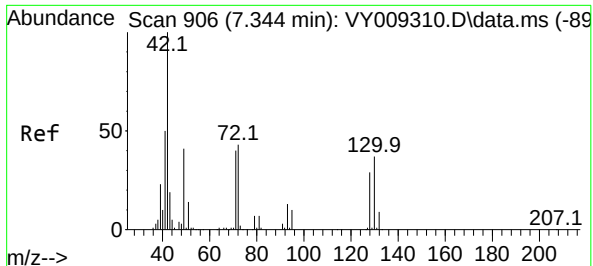
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 74.9 64.1 96.1





#29

Tetrahydrofuran

Concen: 117.491 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

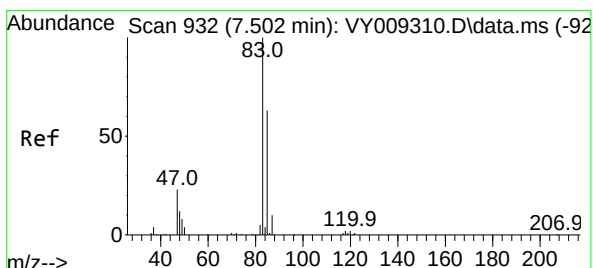
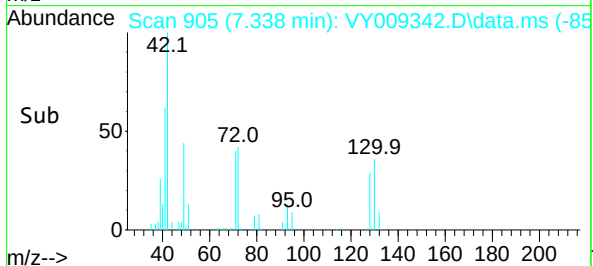
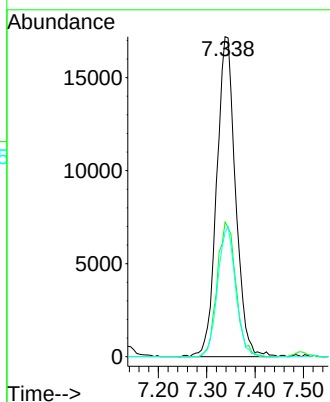
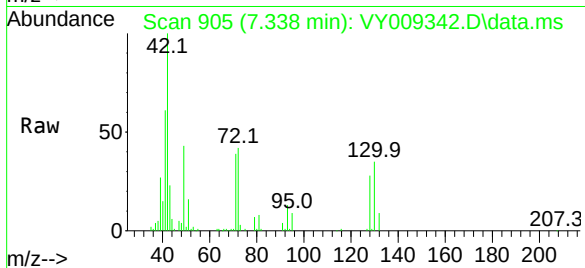
Tgt Ion: 42 Resp: 46564

Ion Ratio Lower Upper

42 100

72 41.6 34.6 52.0

71 38.8 32.7 49.1



#30

Chloroform

Concen: 20.542 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009342.D

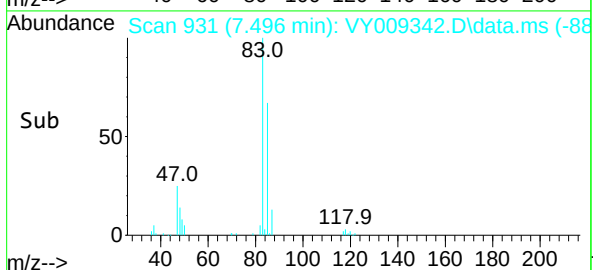
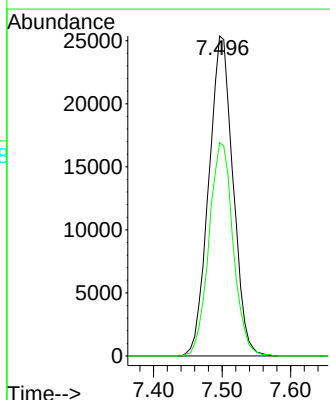
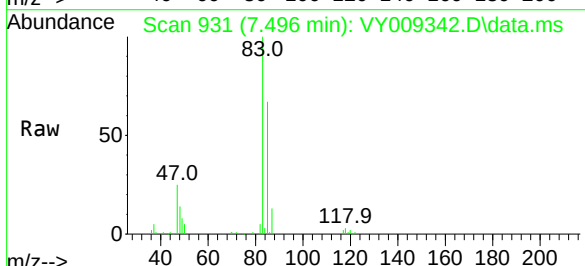
Acq: 27 Jun 2022 14:49

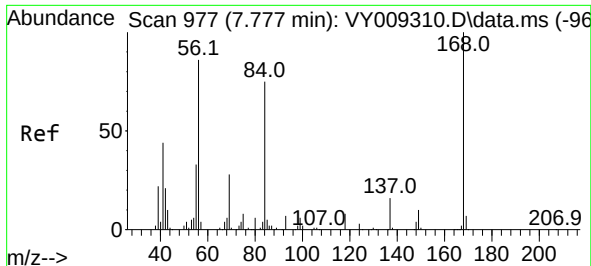
Tgt Ion: 83 Resp: 62283

Ion Ratio Lower Upper

83 100

85 66.7 50.5 75.7

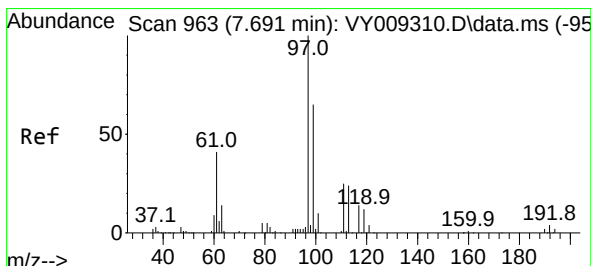
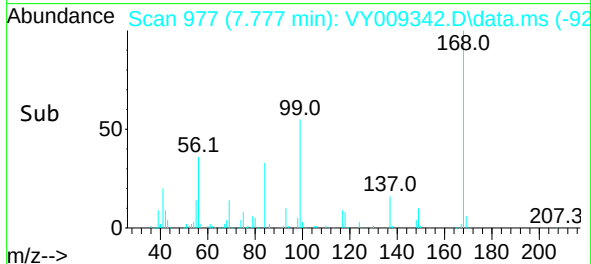
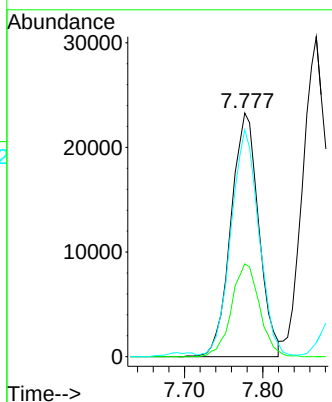
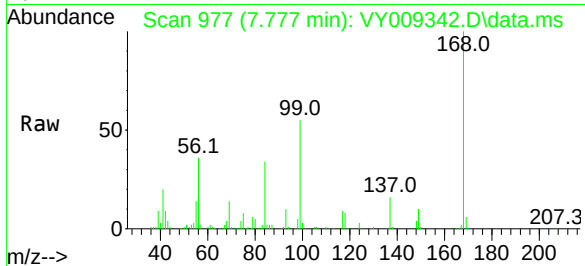




#31  
Cyclohexane  
Concen: 19.744 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

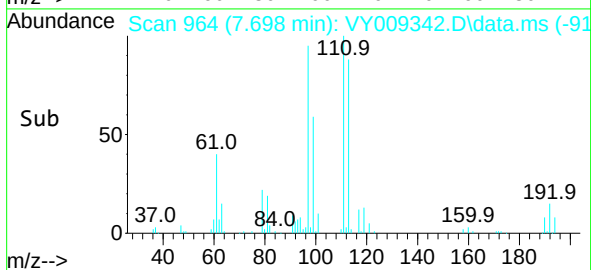
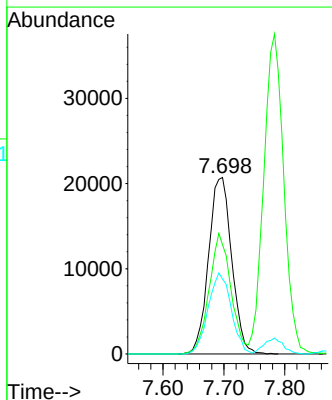
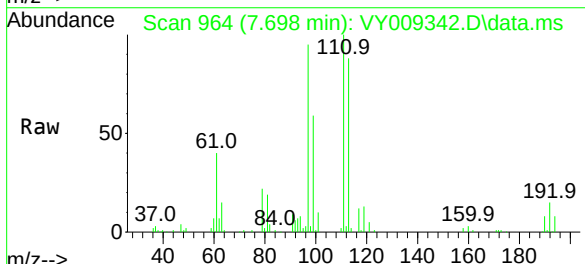
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

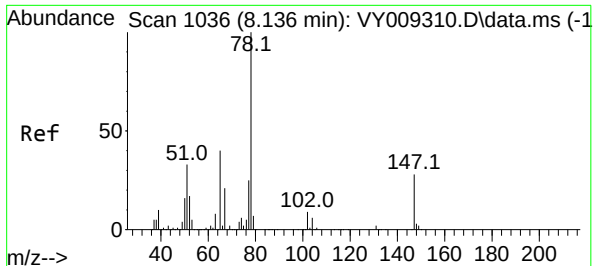
Tgt Ion: 56 Resp: 57348  
Ion Ratio Lower Upper  
56 100  
69 38.1 26.0 39.0  
84 91.4 69.5 104.3



#32  
1,1,1-Trichloroethane  
Concen: 20.407 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. 0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 97 Resp: 54638  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.8 77.8  
61 45.7 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 48.907 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

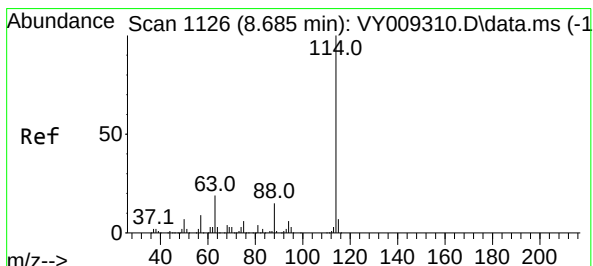
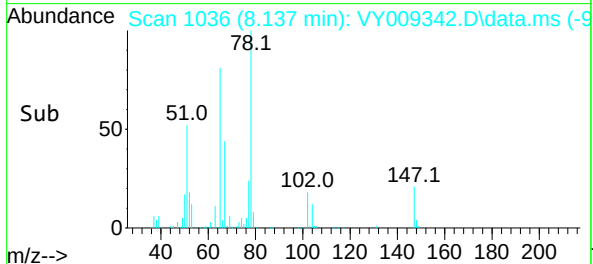
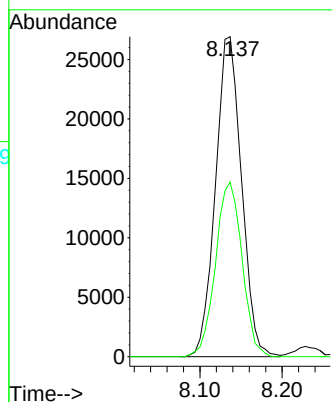
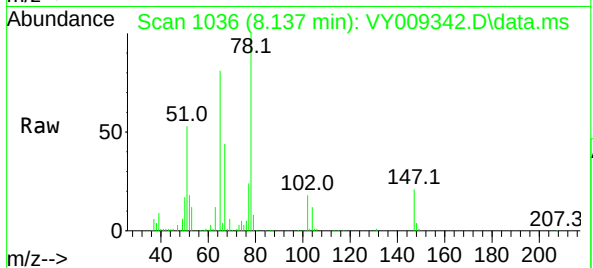
VY0627SBS01

Tgt Ion: 65 Resp: 59288

Ion Ratio Lower Upper

65 100

67 55.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

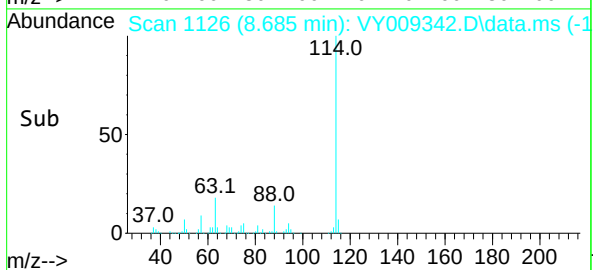
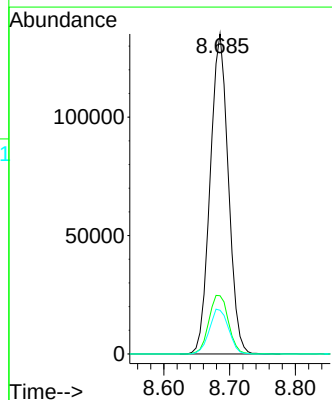
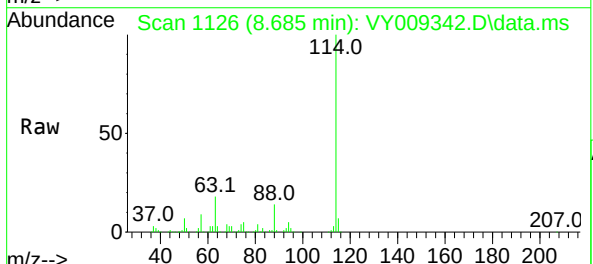
Tgt Ion: 114 Resp: 259107

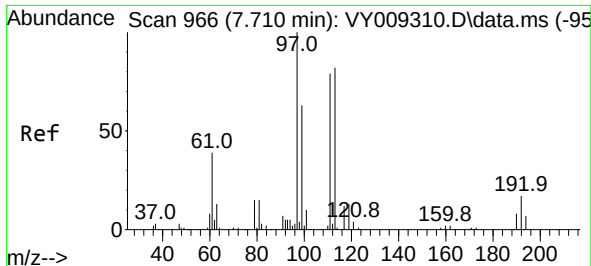
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.0

88 13.6 0.0 30.0

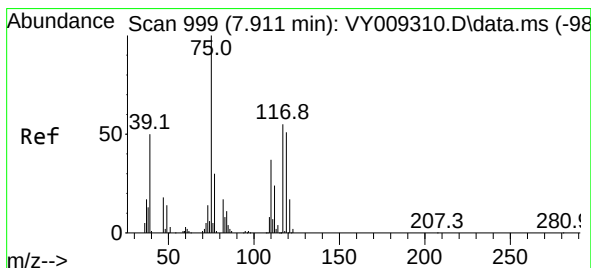
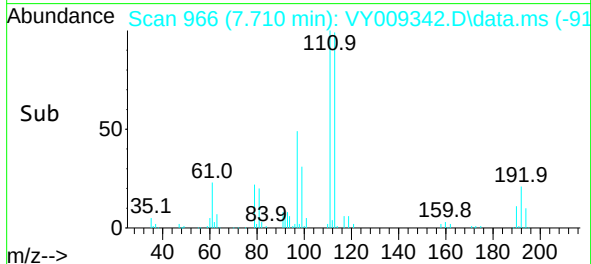
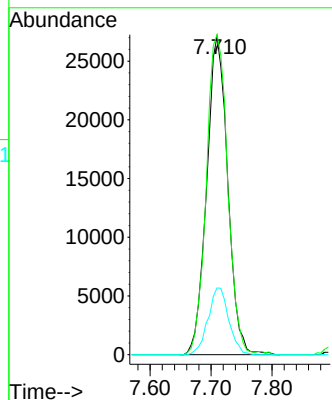
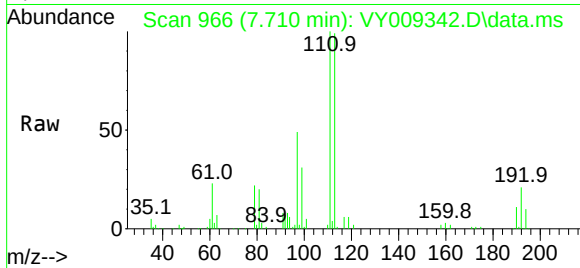




#35  
Dibromofluoromethane  
Concen: 46.605 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

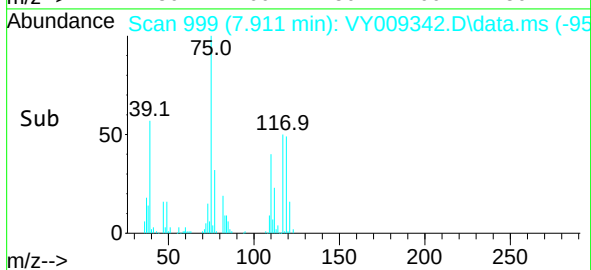
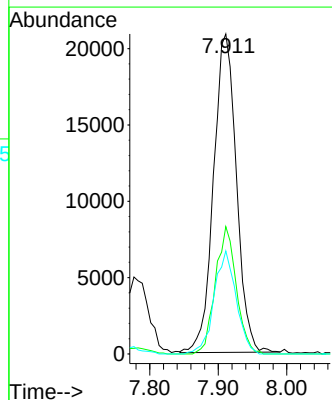
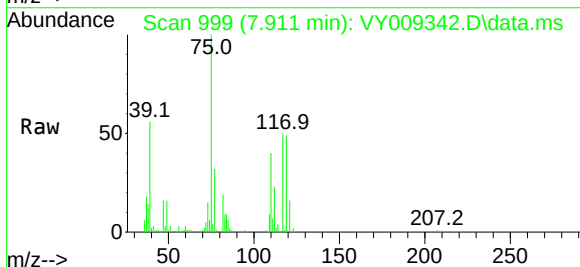
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

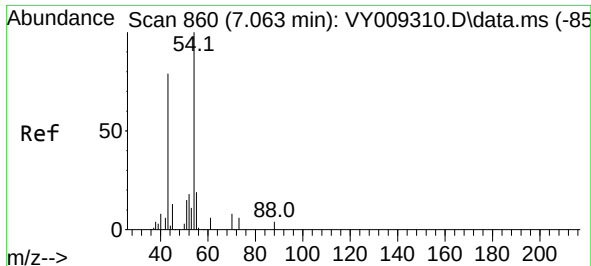
Tgt Ion:113 Resp: 65179  
Ion Ratio Lower Upper  
113 100  
111 101.9 80.6 120.8  
192 20.6 16.2 24.4



#36  
1,1-Dichloropropene  
Concen: 20.597 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 75 Resp: 48343  
Ion Ratio Lower Upper  
75 100  
110 36.5 18.6 56.0  
77 31.2 25.0 37.4

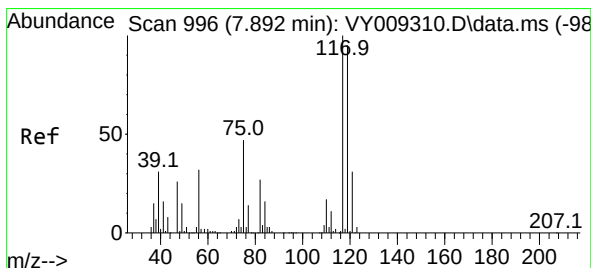
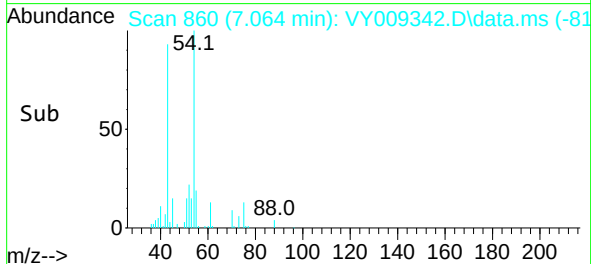
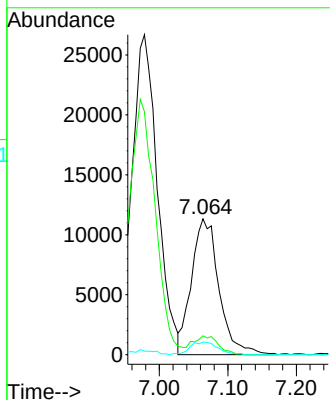
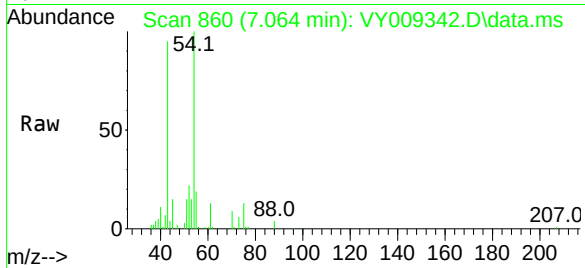




#37  
Ethyl Acetate  
Concen: 23.706 ug/l  
RT: 7.064 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

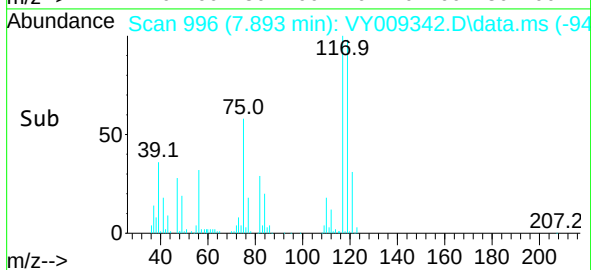
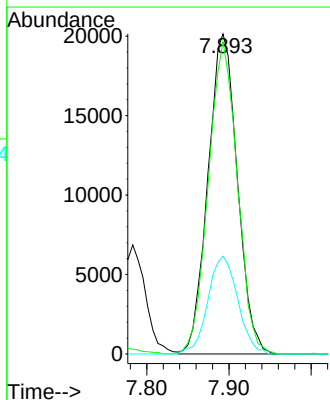
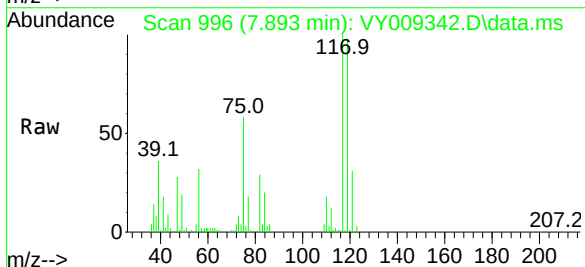
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

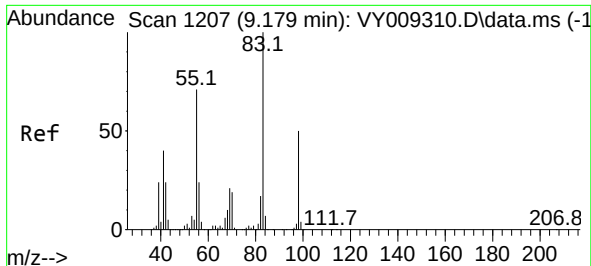
Tgt Ion: 43 Resp: 31601  
Ion Ratio Lower Upper  
43 100  
61 12.6 11.2 16.8  
70 9.5 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 20.710 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 117 Resp: 49983  
Ion Ratio Lower Upper  
117 100  
119 97.6 75.9 113.9  
121 30.6 24.9 37.3





#39

Methylcyclohexane

Concen: 20.289 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

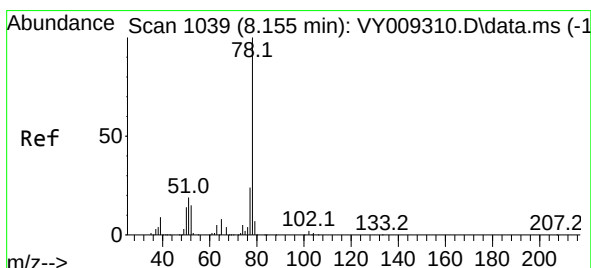
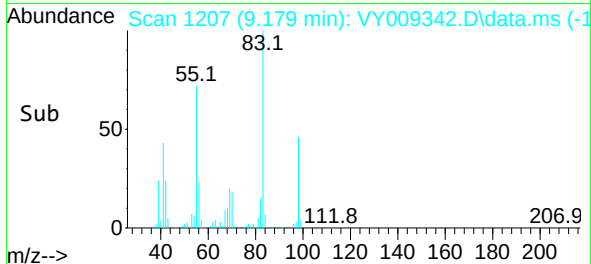
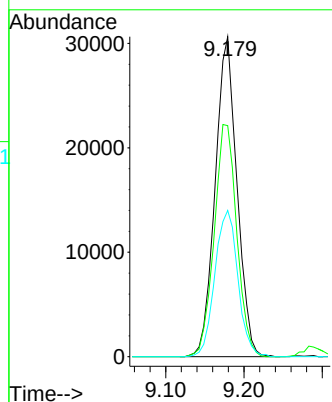
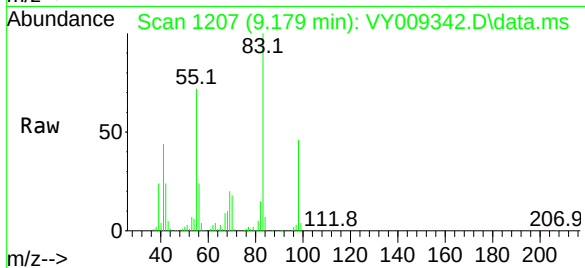
Tgt Ion: 83 Resp: 59338

Ion Ratio Lower Upper

83 100

55 72.2 56.7 85.1

98 45.7 39.9 59.9



#40

Benzene

Concen: 20.595 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY009342.D

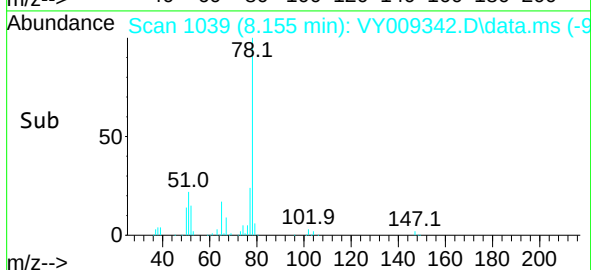
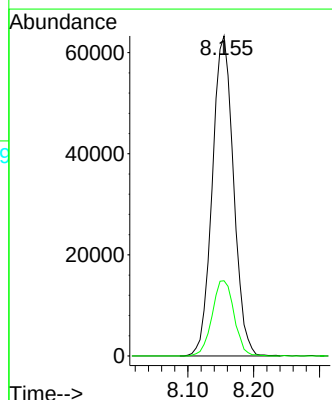
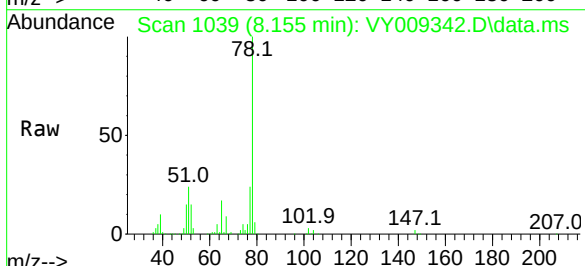
Acq: 27 Jun 2022 14:49

Tgt Ion: 78 Resp: 142254

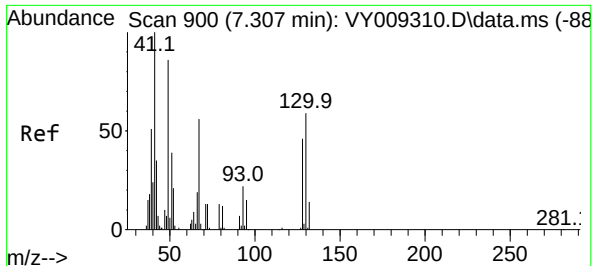
Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0



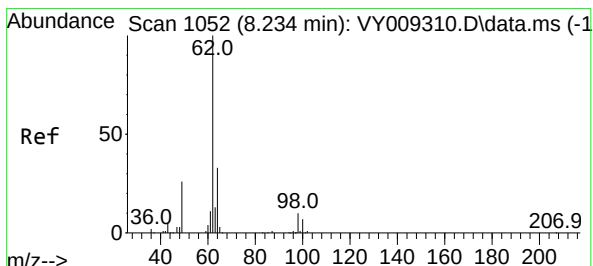
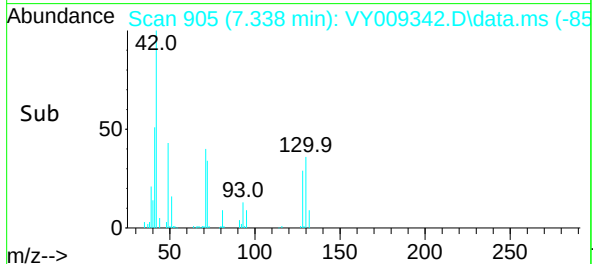
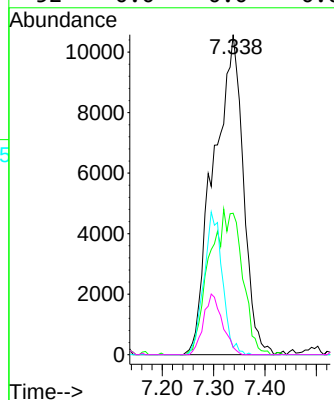
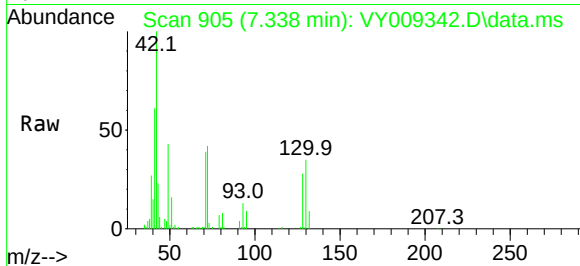




#41  
Methacrylonitrile  
Concen: 59.300 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.031 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

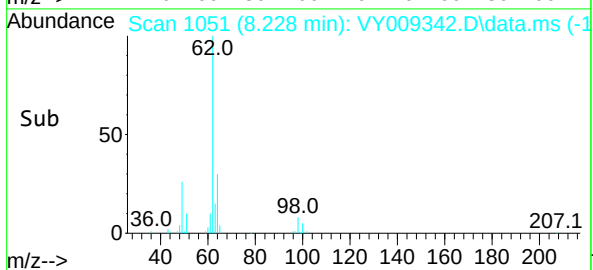
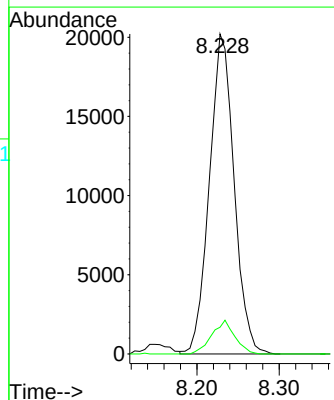
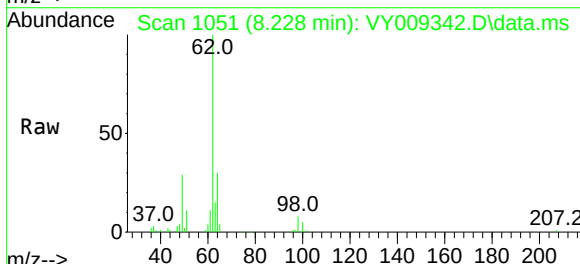
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

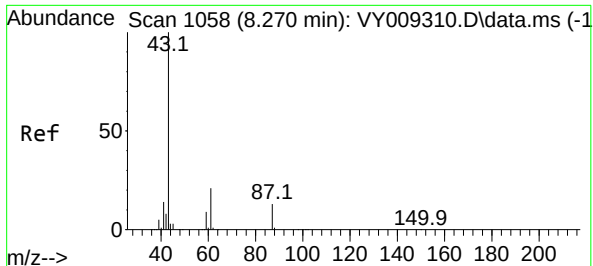
Tgt Ion: 41 Resp: 42560  
Ion Ratio Lower Upper  
41 100  
39 50.2 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 21.708 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 62 Resp: 42214  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 20.6

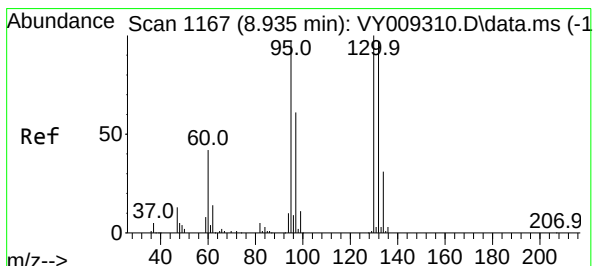
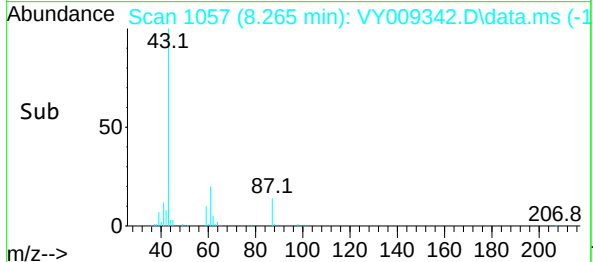
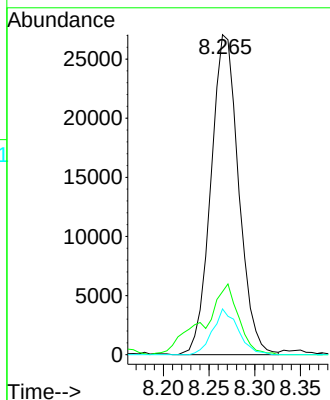
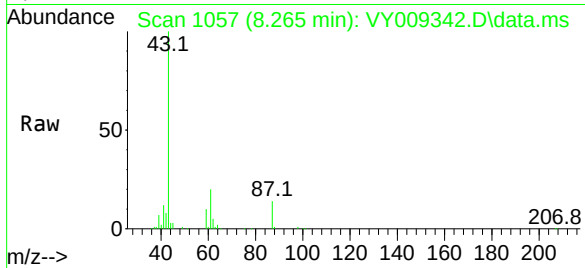




#43  
Isopropyl Acetate  
Concen: 23.246 ug/l  
RT: 8.265 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

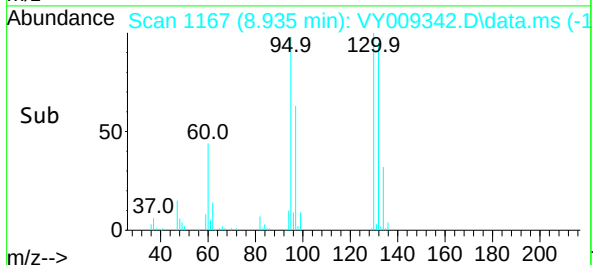
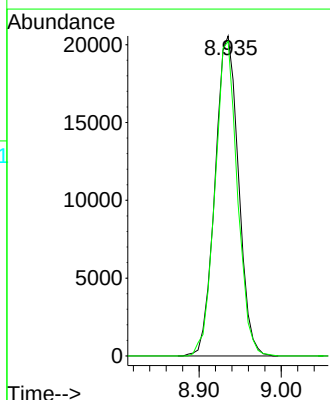
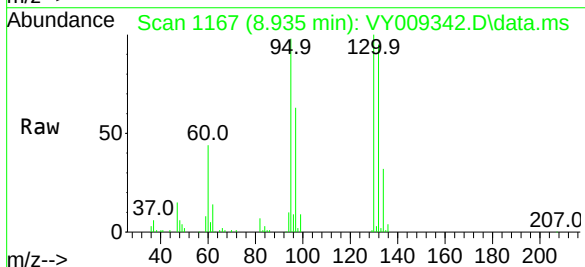
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

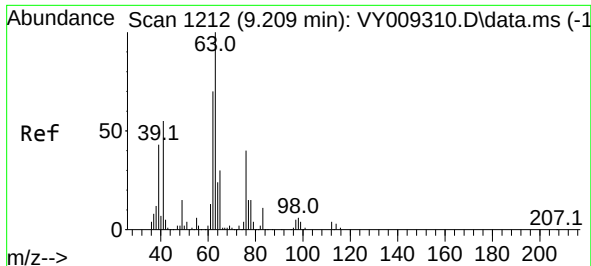
Tgt Ion: 43 Resp: 57251  
Ion Ratio Lower Upper  
43 100  
61 28.4 23.6 35.4  
87 13.1 11.3 16.9



#44  
Trichloroethene  
Concen: 21.082 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 130 Resp: 40719  
Ion Ratio Lower Upper  
130 100  
95 98.3 0.0 194.6





#45

1,2-Dichloropropane

Concen: 21.696 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

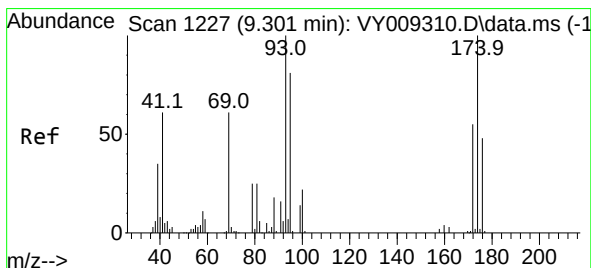
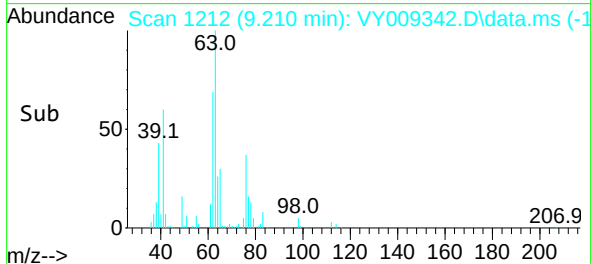
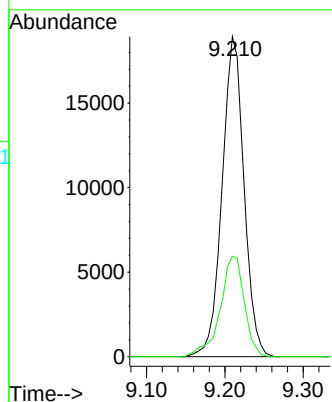
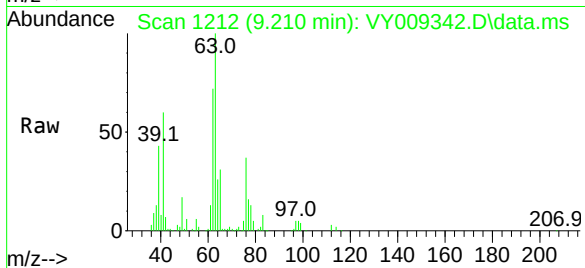
VY0627SBSD01

Tgt Ion: 63 Resp: 36783

Ion Ratio Lower Upper

63 100

65 31.4 23.7 35.5



#46

Dibromomethane

Concen: 21.728 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

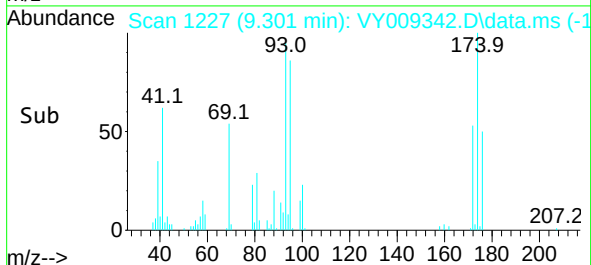
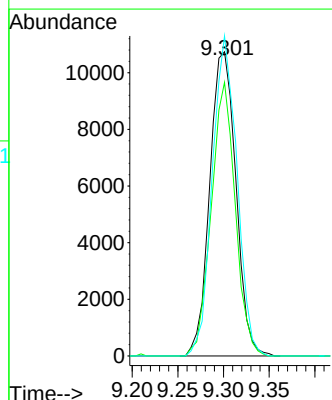
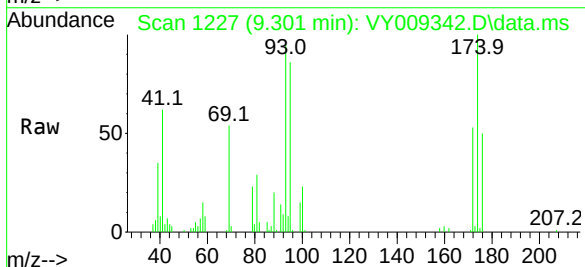
Tgt Ion: 93 Resp: 21359

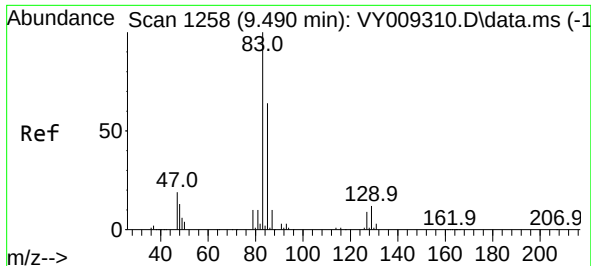
Ion Ratio Lower Upper

93 100

95 82.6 66.3 99.5

174 99.1 80.6 120.8

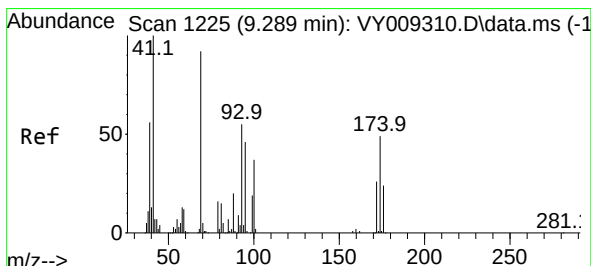
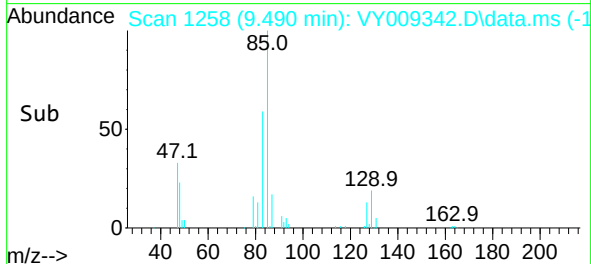
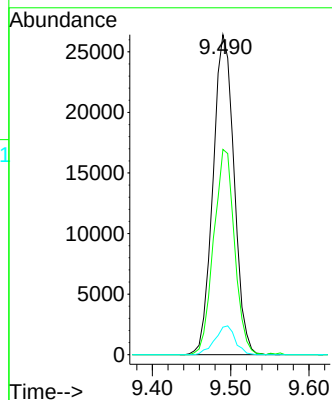
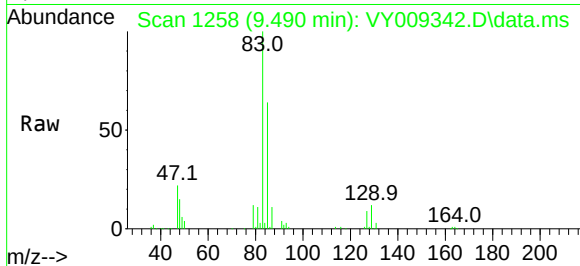




#47  
Bromodichloromethane  
Concen: 21.633 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

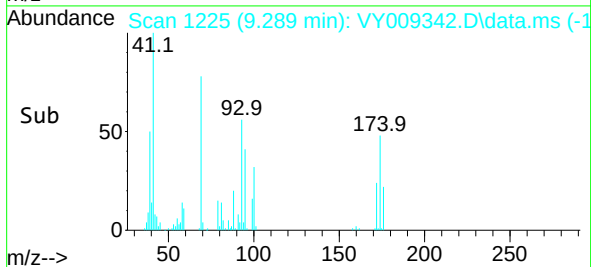
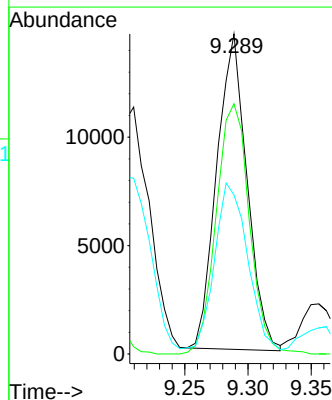
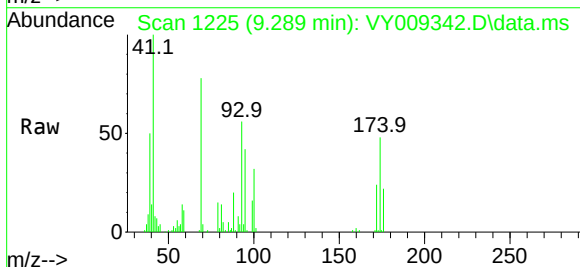
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

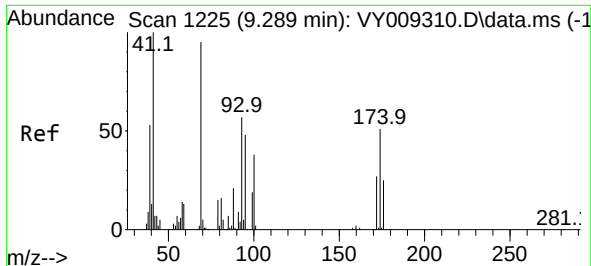
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 49451 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 64.2     | 51.2 76.8   |
| 127 8.6     | 7.1 10.7    |



#48  
Methyl methacrylate  
Concen: 22.100 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 24188 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 87.1     | 73.2 109.8  |
| 39 60.7     | 47.5 71.3   |





#49

1,4-Dioxane

Concen: 465.753 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

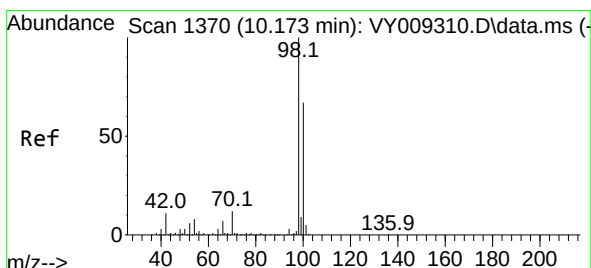
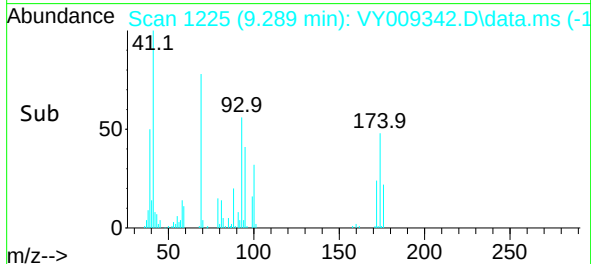
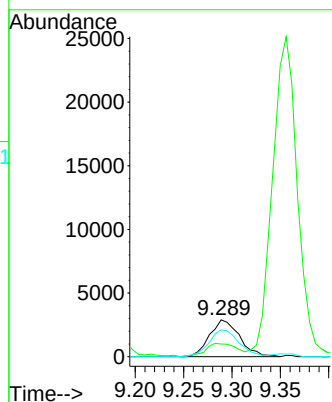
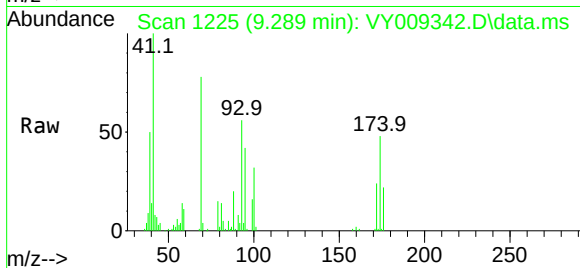
Tgt Ion: 88 Resp: 6225

Ion Ratio Lower Upper

88 100

43 37.8 26.3 39.5

58 73.4 52.6 79.0



#50

Toluene-d8

Concen: 49.208 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009342.D

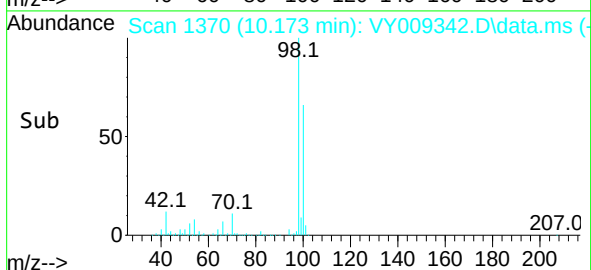
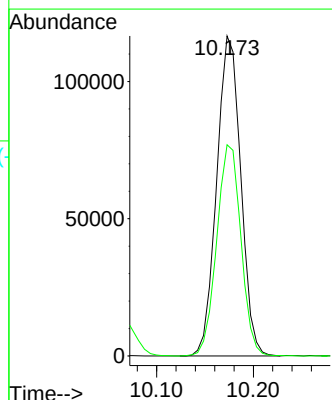
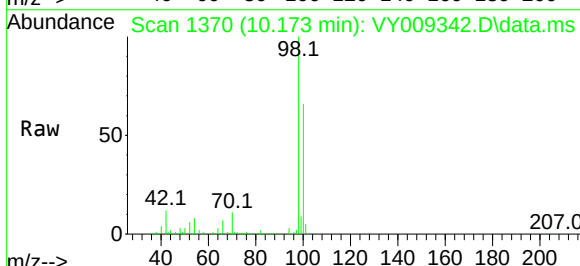
Acq: 27 Jun 2022 14:49

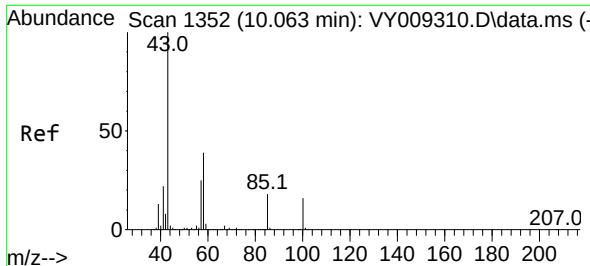
Tgt Ion: 98 Resp: 201515

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3

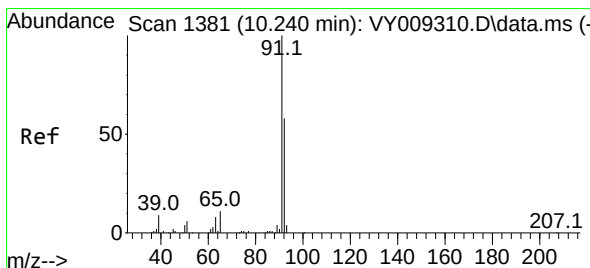
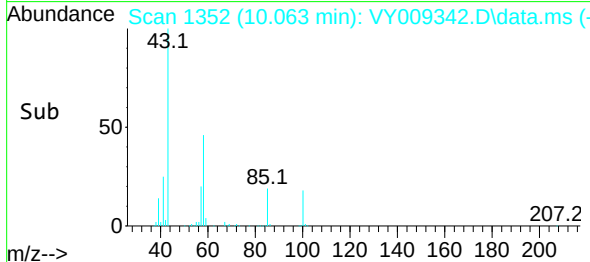
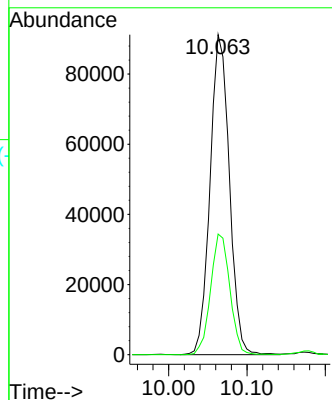
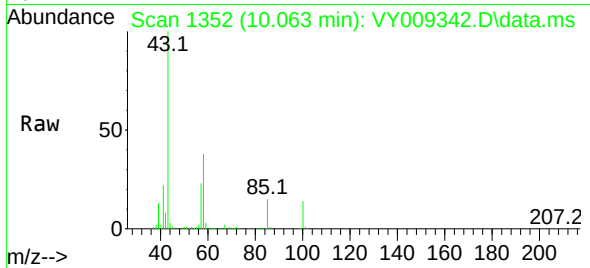




#51  
4-Methyl-2-Pentanone  
Concen: 125.554 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

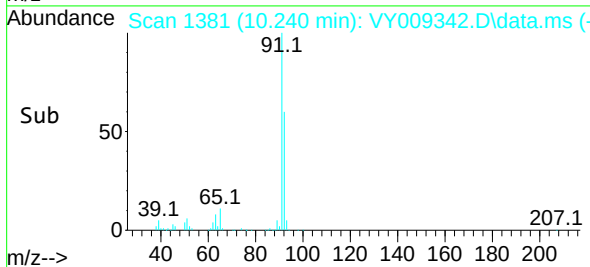
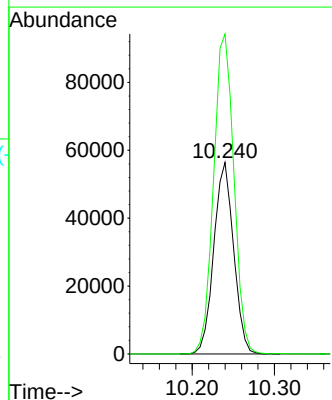
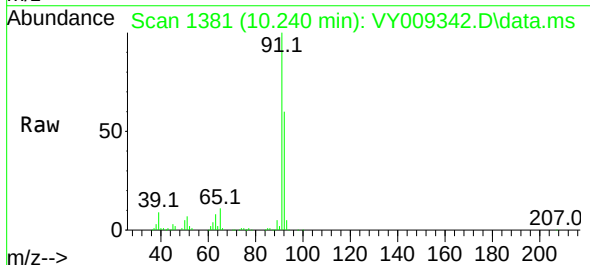
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

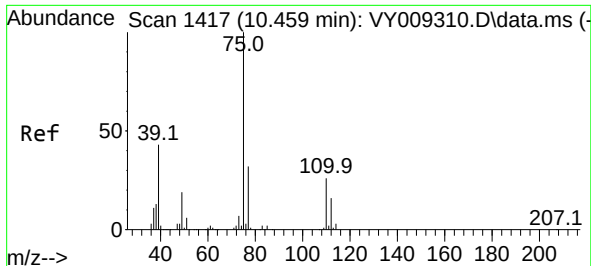
Tgt Ion: 43 Resp: 156222  
Ion Ratio Lower Upper  
43 100  
58 37.6 31.5 47.3



#52  
Toluene  
Concen: 22.036 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 92 Resp: 94301  
Ion Ratio Lower Upper  
92 100  
91 171.8 138.7 208.1

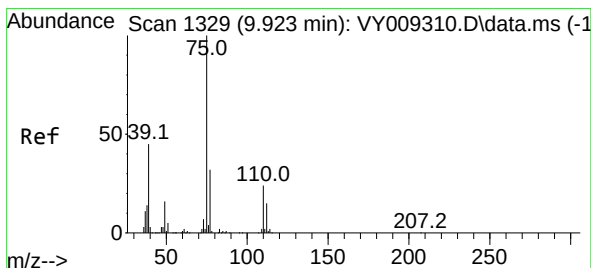
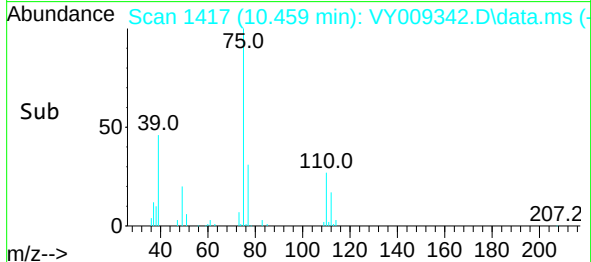
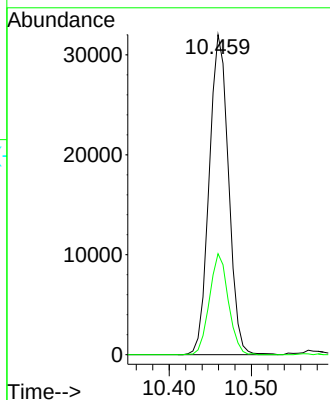
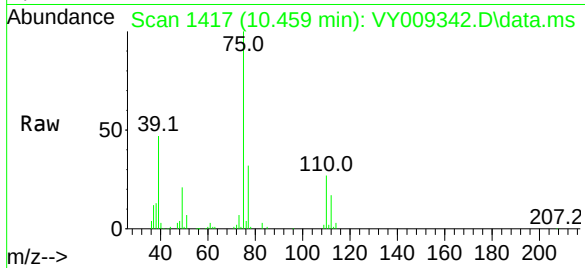




#53  
 t-1,3-Dichloropropene  
 Concen: 21.624 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. 0.000 min  
 Lab File: VY009342.D  
 Acq: 27 Jun 2022 14:49

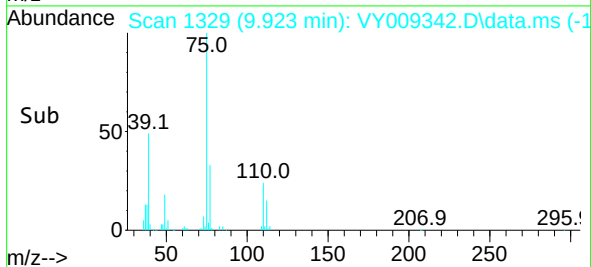
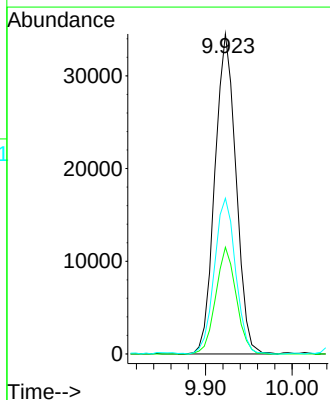
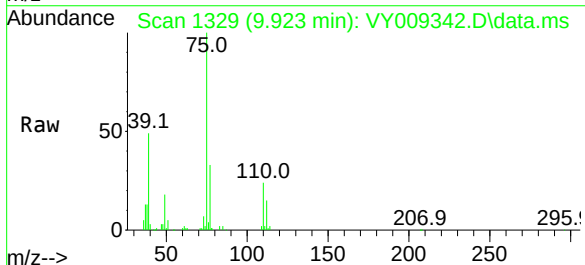
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBS01

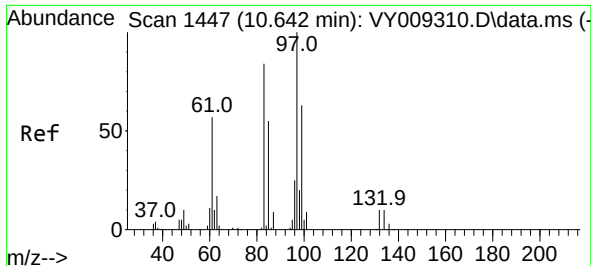
Tgt Ion: 75 Resp: 52316  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.209 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. 0.000 min  
 Lab File: VY009342.D  
 Acq: 27 Jun 2022 14:49

Tgt Ion: 75 Resp: 58464  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 25.2 37.8  
 39 48.7 35.8 53.8

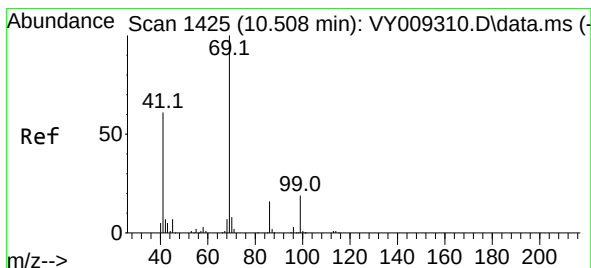
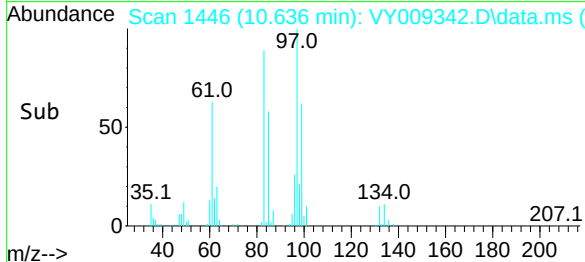
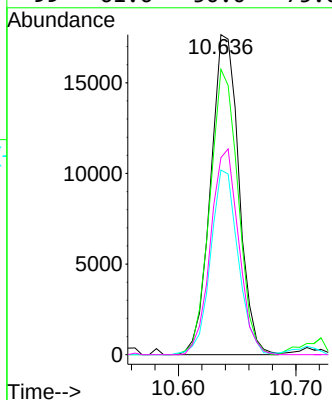
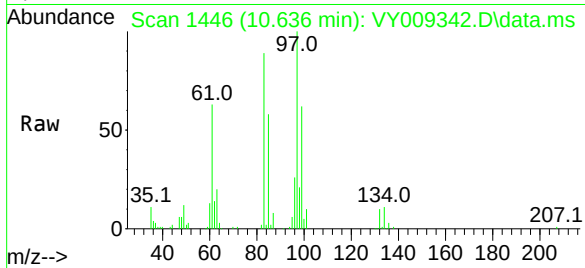




#55  
1,1,2-Trichloroethane  
Concen: 21.789 ug/l  
RT: 10.636 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

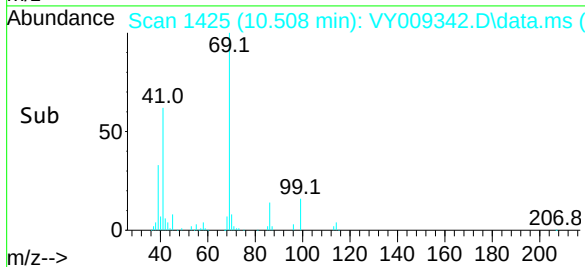
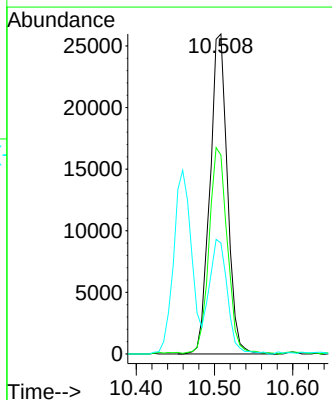
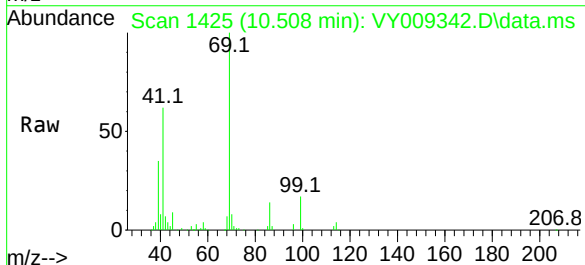
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 29488 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 89.1     | 66.9 100.3  |
| 85 57.2     | 44.2 66.4   |
| 99 61.6     | 50.0 75.0   |

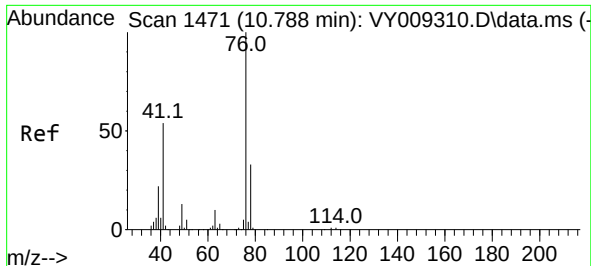


#56  
Ethyl methacrylate  
Concen: 22.538 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 40318 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 67.6     | 50.4 75.6   |
| 39 36.8     | 27.6 41.4   |







#57

1,3-Dichloropropane

Concen: 21.970 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

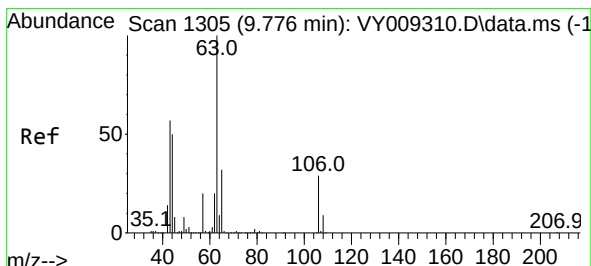
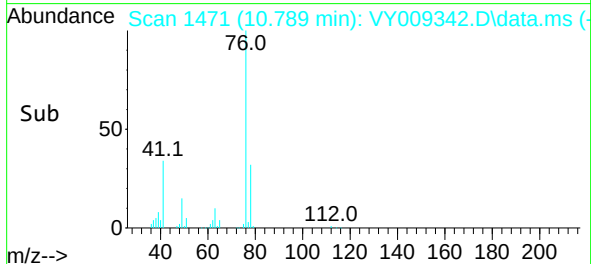
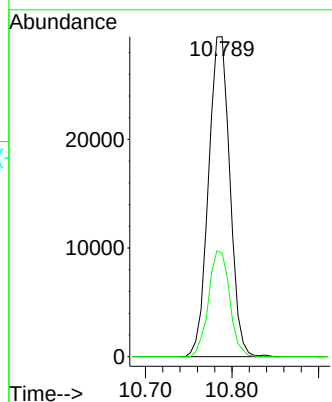
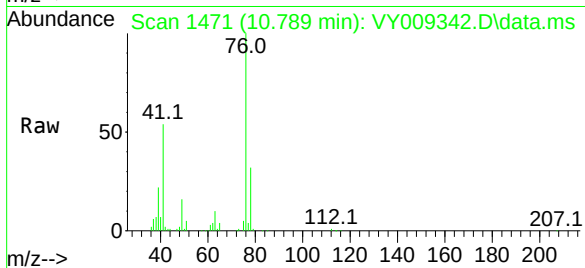
VY0627SBSD01

Tgt Ion: 76 Resp: 50503

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 109.128 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009342.D

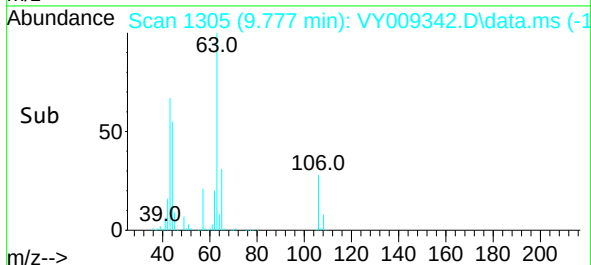
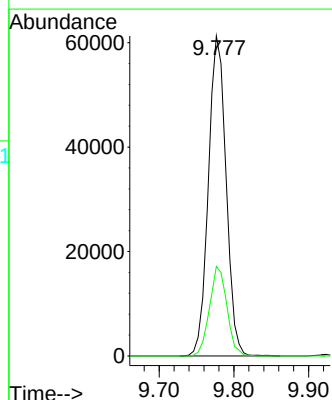
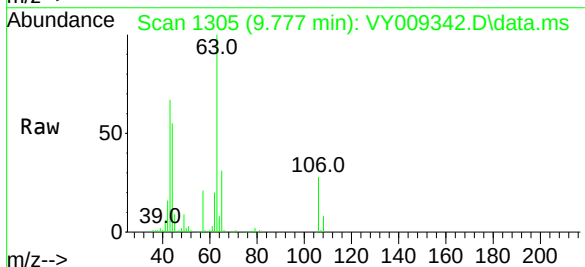
Acq: 27 Jun 2022 14:49

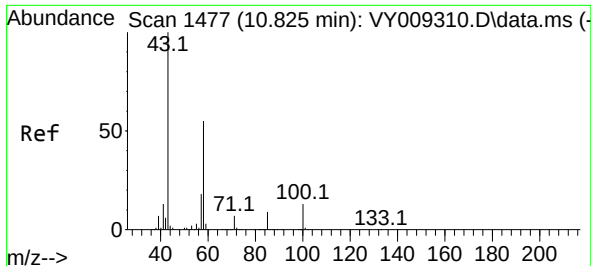
Tgt Ion: 63 Resp: 100955

Ion Ratio Lower Upper

63 100

106 27.5 23.3 34.9

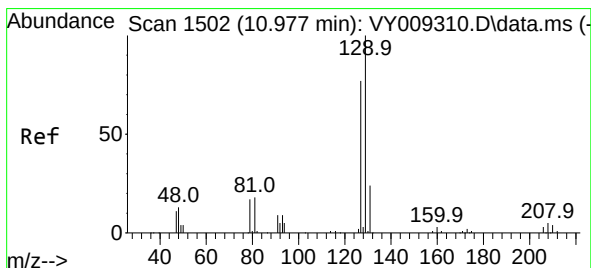
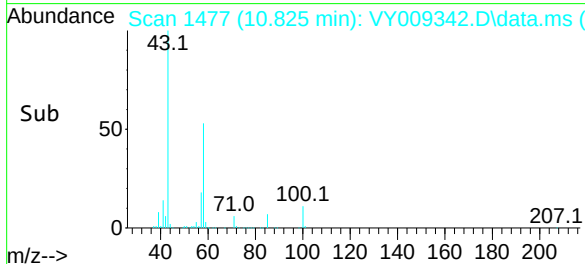
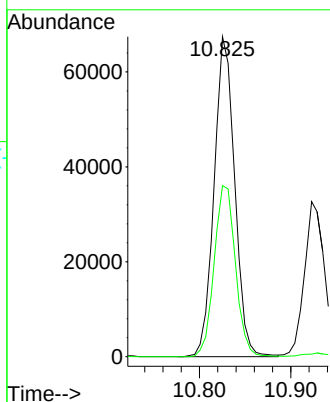
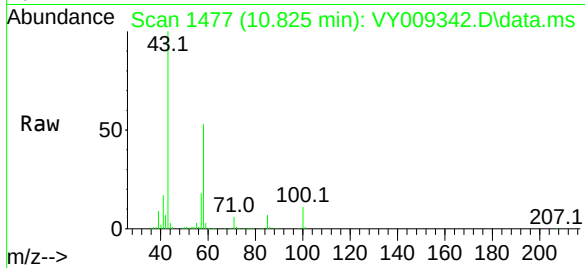




#59  
2-Hexanone  
Concen: 122.006 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

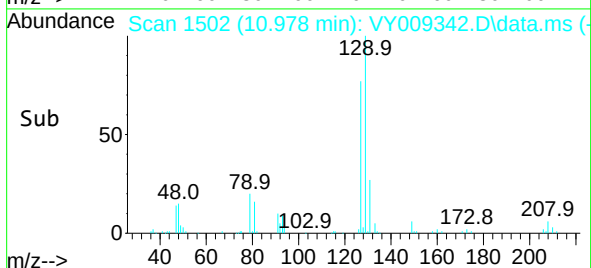
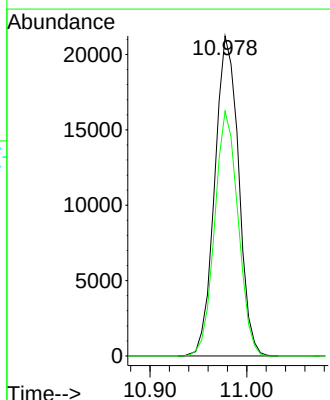
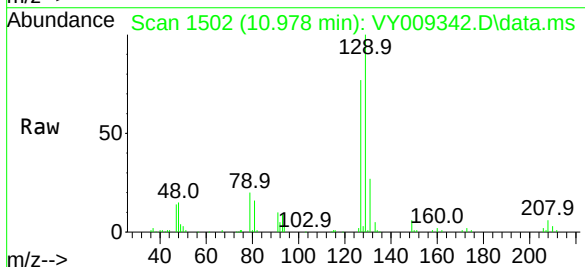
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

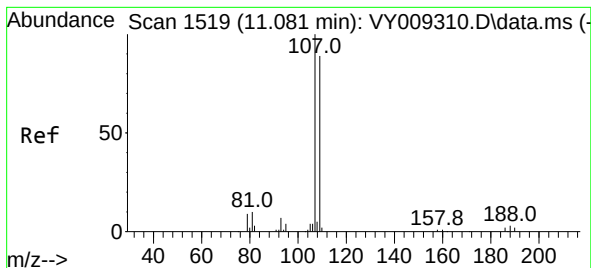
Tgt Ion: 43 Resp: 105593  
Ion Ratio Lower Upper  
43 100  
58 55.3 27.6 82.8



#60  
Dibromochloromethane  
Concen: 22.114 ug/l  
RT: 10.978 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 129 Resp: 36256  
Ion Ratio Lower Upper  
129 100  
127 75.3 38.8 116.4

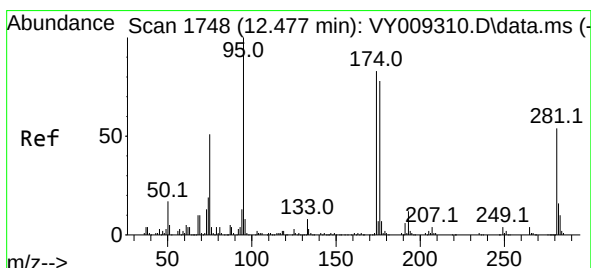
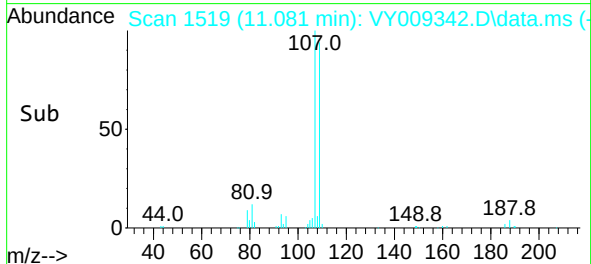
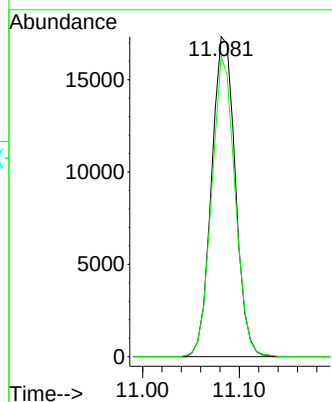
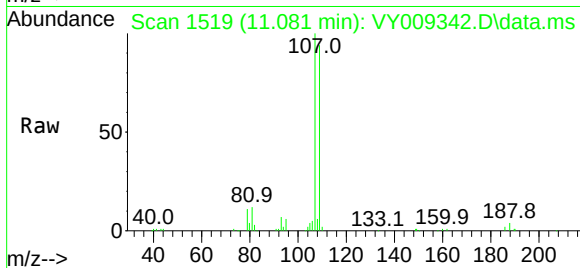




#61  
1,2-Dibromoethane  
Concen: 22.245 ug/l  
RT: 11.081 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

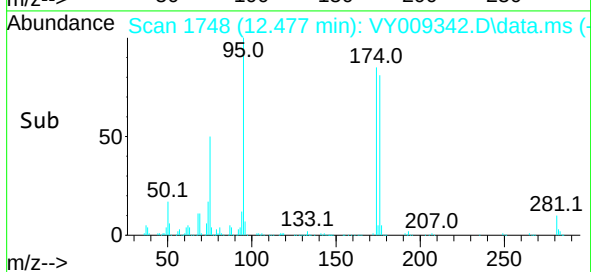
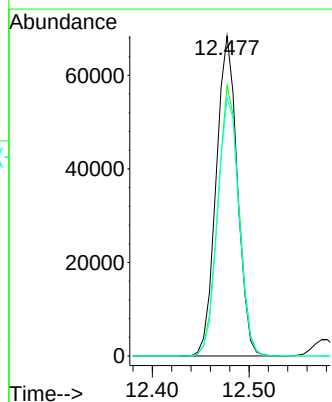
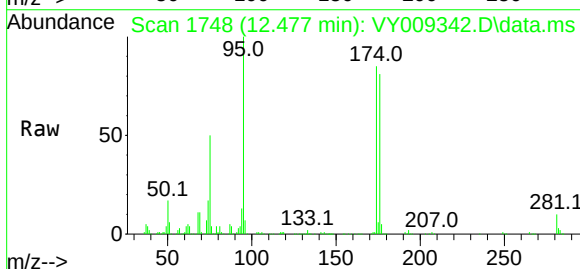
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

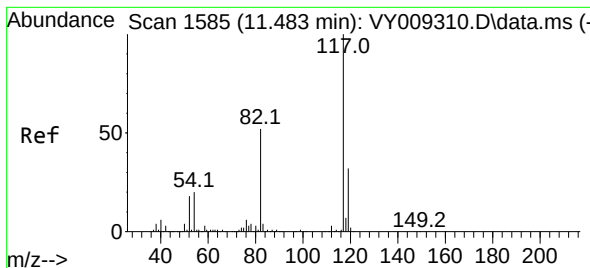
Tgt Ion:107 Resp: 29507  
Ion Ratio Lower Upper  
107 100  
109 92.6 73.9 110.9



#62  
4-Bromofluorobenzene  
Concen: 52.149 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 95 Resp: 103872  
Ion Ratio Lower Upper  
95 100  
174 84.8 0.0 173.8  
176 81.4 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 117

Delta R.T. 0.001 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

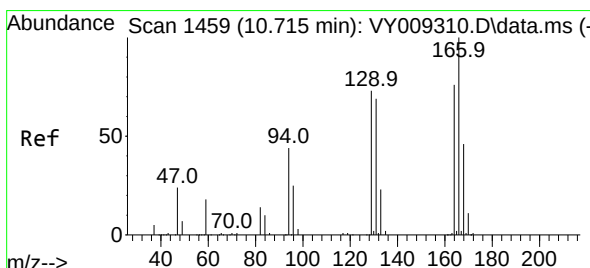
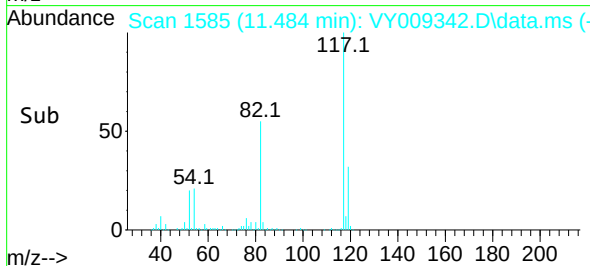
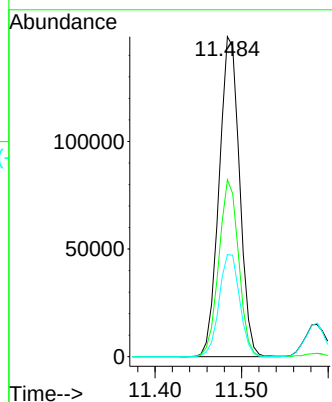
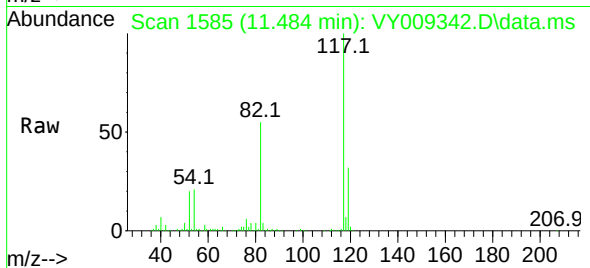
Tgt Ion:117 Resp: 243812

Ion Ratio Lower Upper

117 100

82 55.3 41.8 62.6

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 21.625 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Tgt Ion:164 Resp: 45861

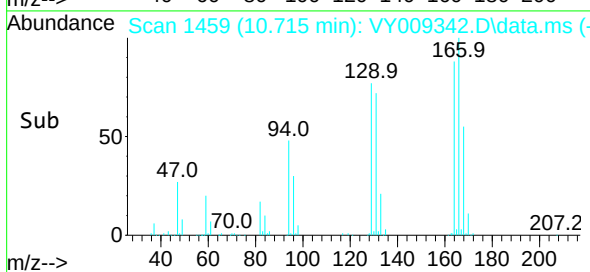
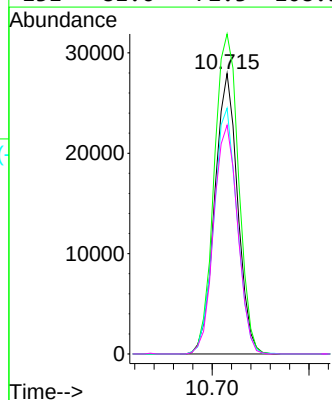
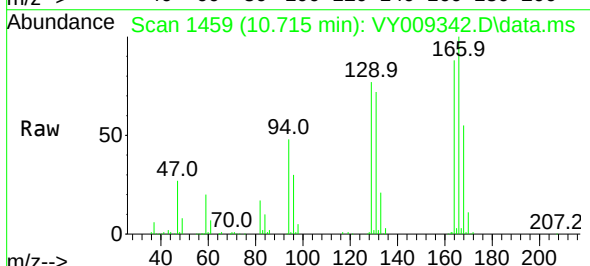
Ion Ratio Lower Upper

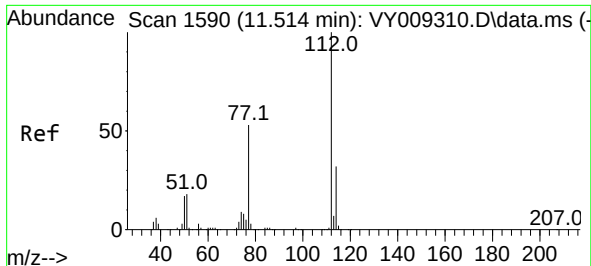
164 100

166 114.1 104.9 157.3

129 87.7 76.5 114.7

131 81.6 72.3 108.5

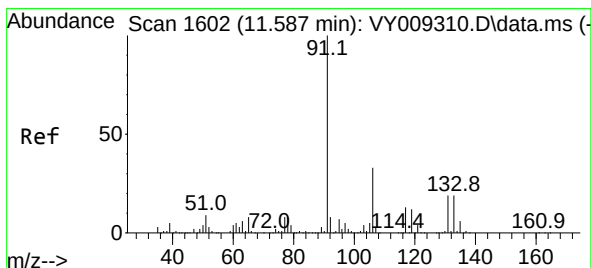
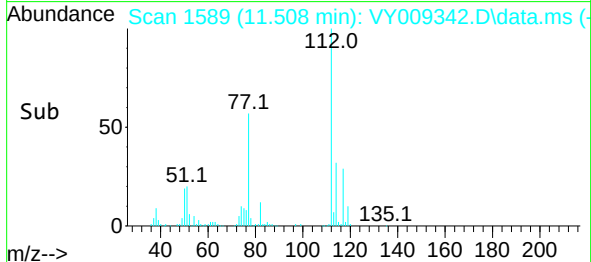
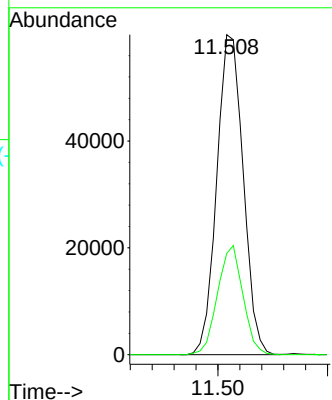
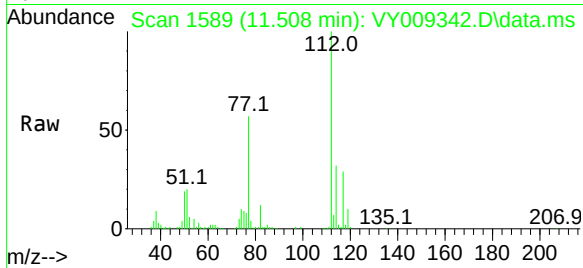




#65  
Chlorobenzene  
Concen: 20.715 ug/l  
RT: 11.508 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

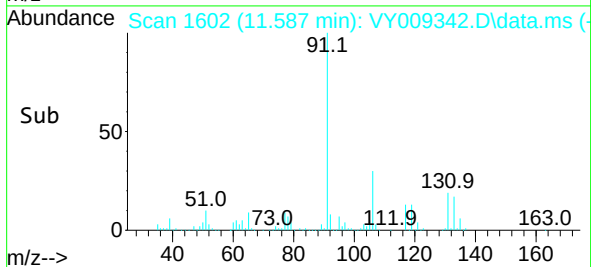
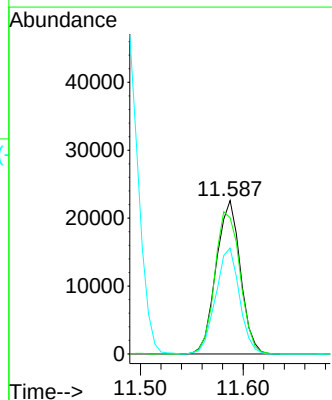
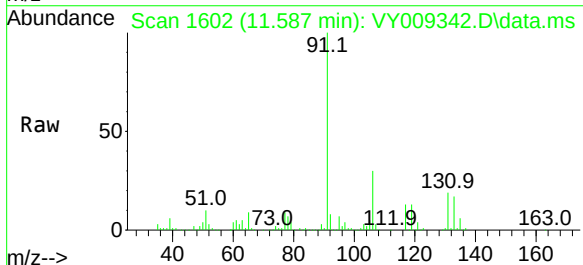
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

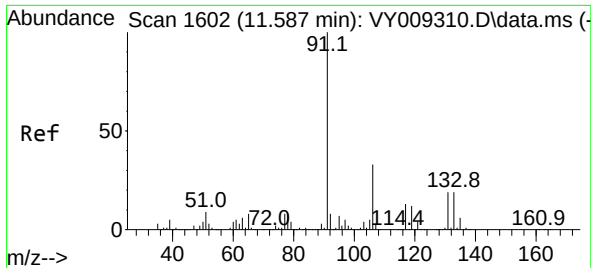
Tgt Ion:112 Resp: 100211  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.345 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion:131 Resp: 37001  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.3 142.0  
119 67.7 32.1 96.3

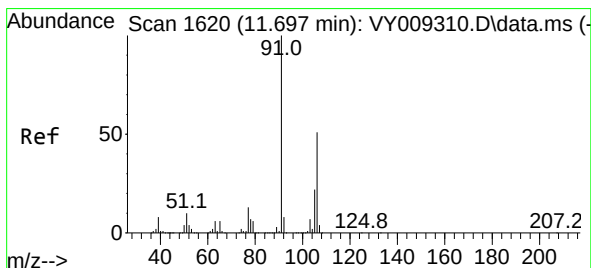
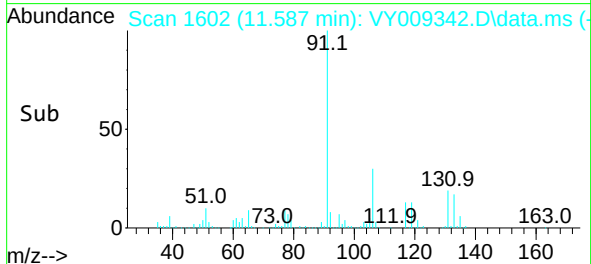
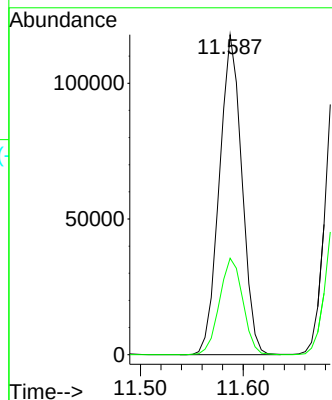
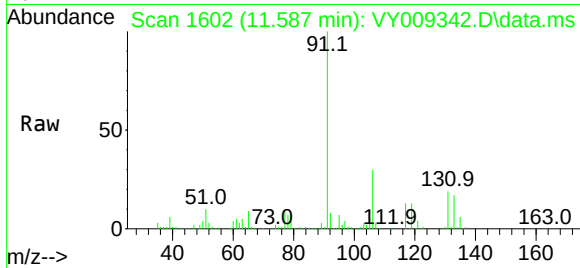




#67  
Ethyl Benzene  
Concen: 20.975 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

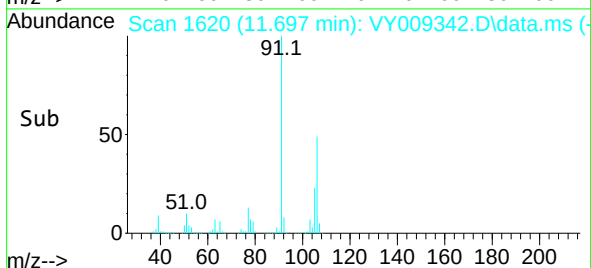
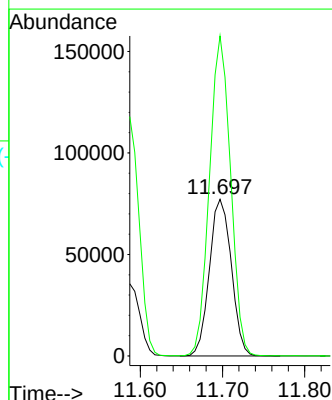
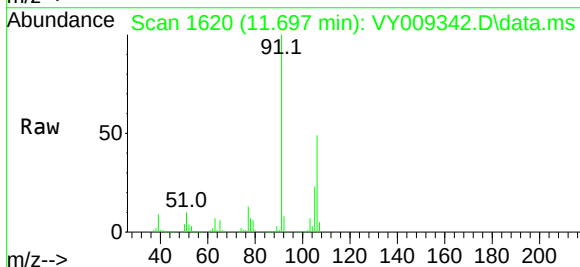
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

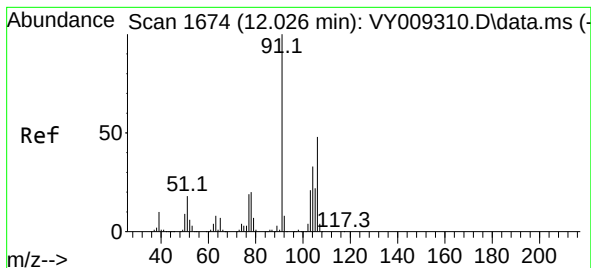
Tgt Ion: 91 Resp: 179162  
Ion Ratio Lower Upper  
91 100  
106 30.1 26.2 39.4



#68  
m/p-Xylenes  
Concen: 42.654 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion:106 Resp: 143139  
Ion Ratio Lower Upper  
106 100  
91 196.4 156.2 234.2





#69

o-Xylene

Concen: 21.137 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

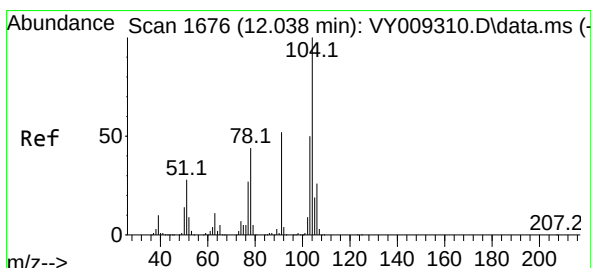
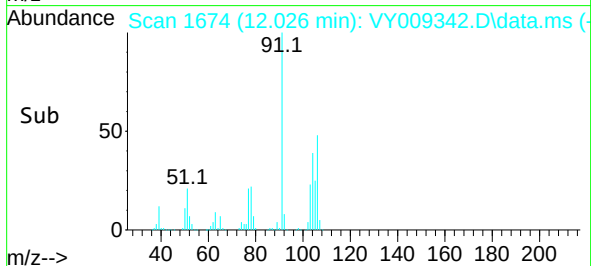
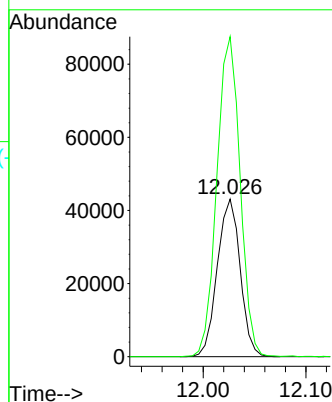
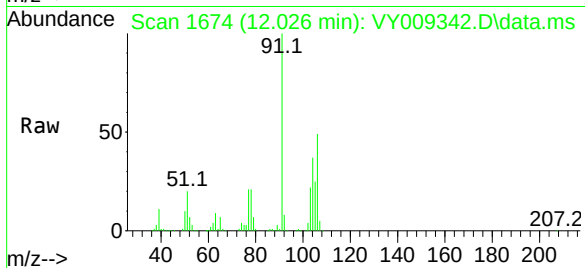
VY0627SBSD01

Tgt Ion:106 Resp: 66563

Ion Ratio Lower Upper

106 100

91 206.5 103.2 309.4



#70

Styrene

Concen: 21.642 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

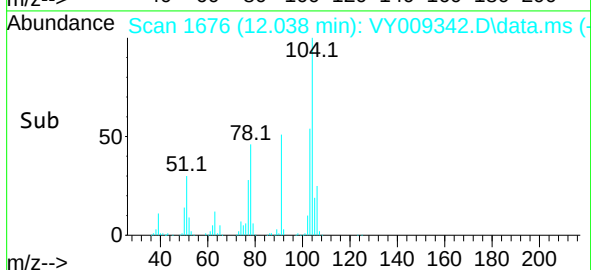
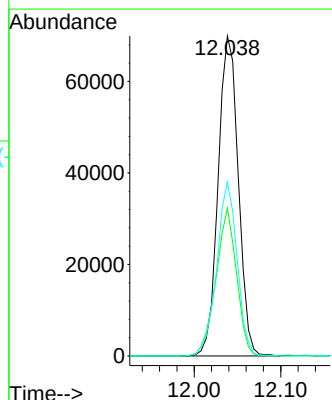
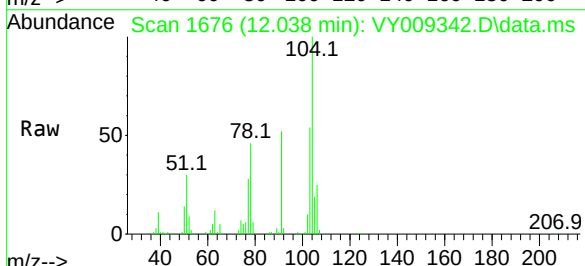
Tgt Ion:104 Resp: 113138

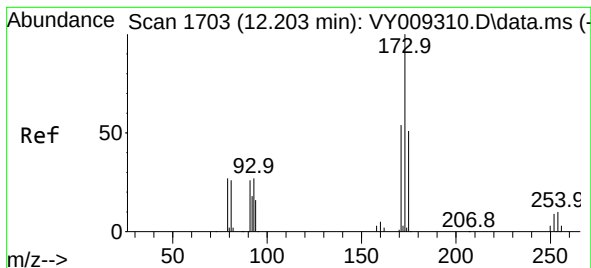
Ion Ratio Lower Upper

104 100

78 47.1 38.6 57.8

103 55.0 43.3 64.9





#71

Bromoform

Concen: 21.653 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

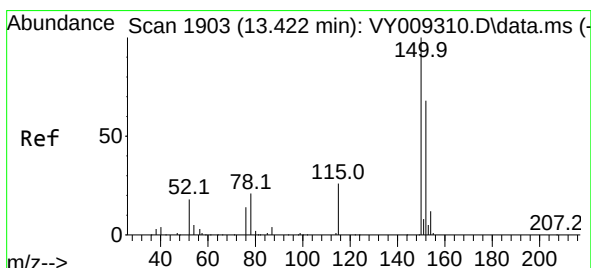
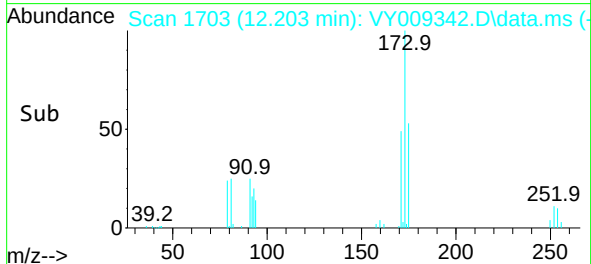
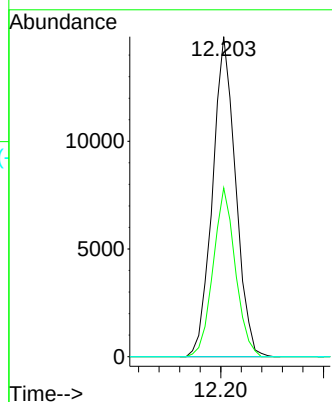
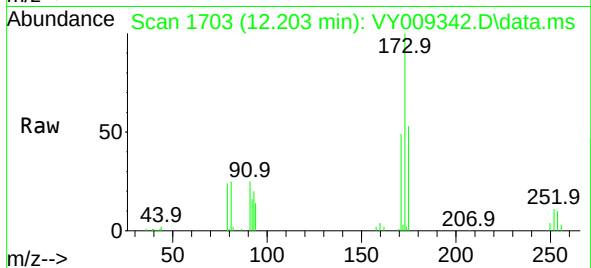
Tgt Ion:173 Resp: 23168

Ion Ratio Lower Upper

173 100

175 50.7 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

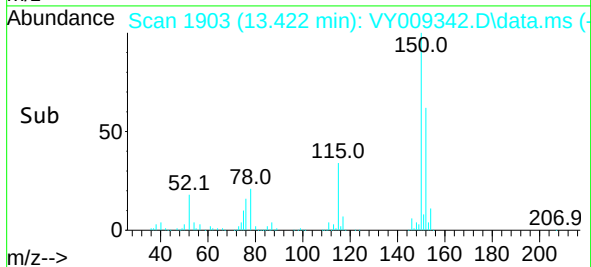
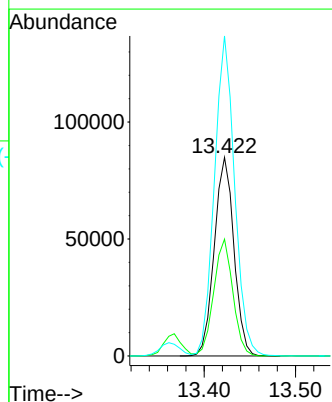
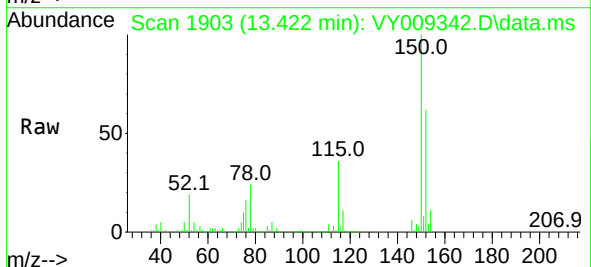
Tgt Ion:152 Resp: 126754

Ion Ratio Lower Upper

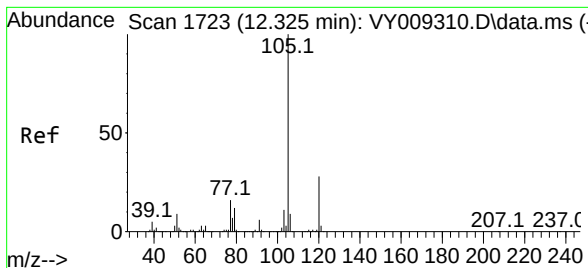
152 100

115 57.4 28.6 85.9

150 165.8 0.0 349.8







#73

Isopropylbenzene

Concen: 20.237 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

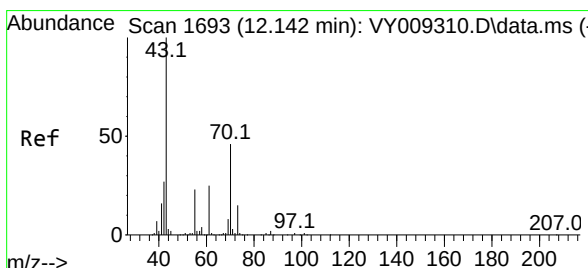
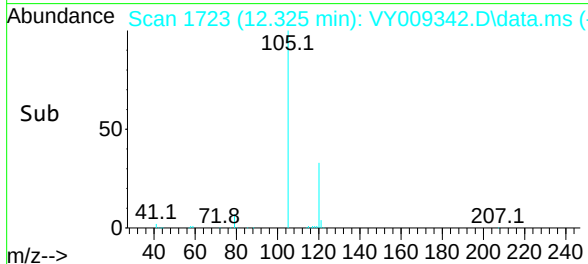
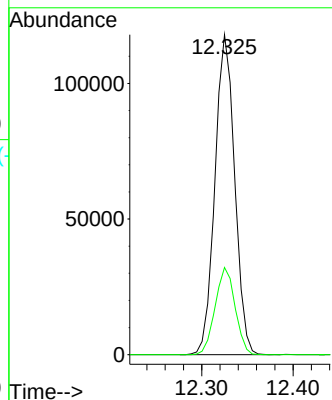
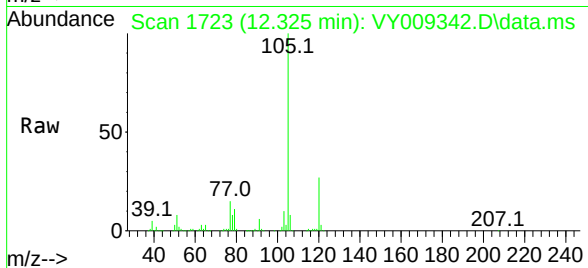
VY0627SBSD01

Tgt Ion:105 Resp: 176860

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



#74

N-ethyl acetate

Concen: 21.830 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Tgt Ion: 43 Resp: 51246

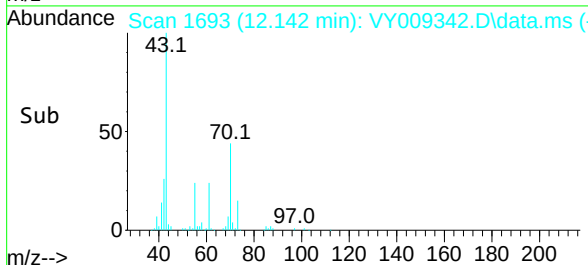
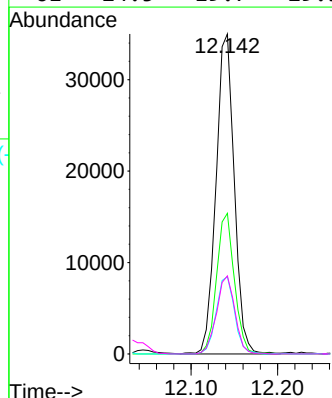
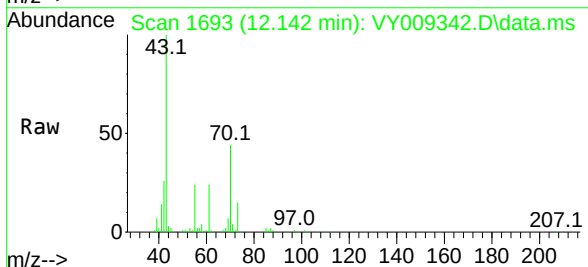
Ion Ratio Lower Upper

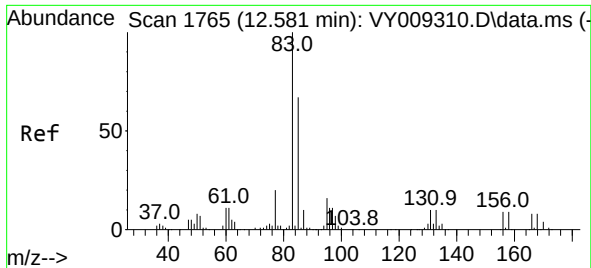
43 100

70 42.9 35.6 53.4

55 24.2 19.5 29.3

61 24.5 19.7 29.5

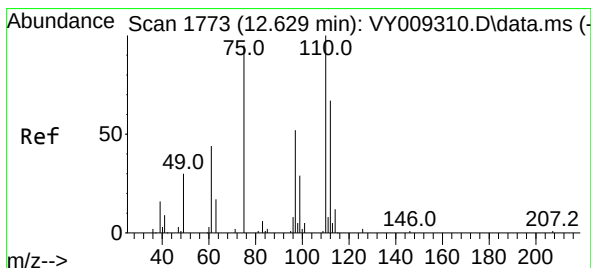
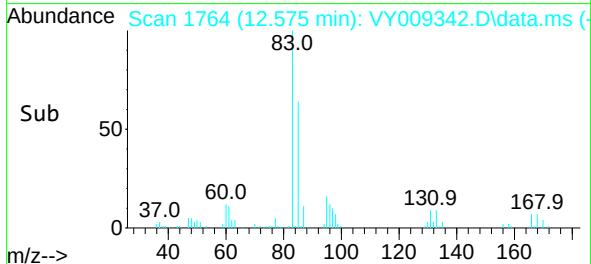
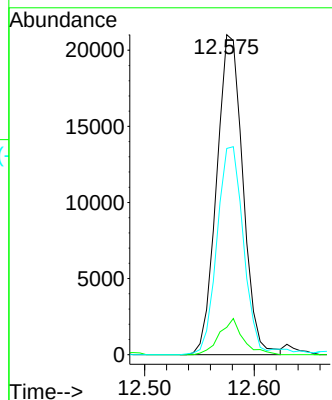
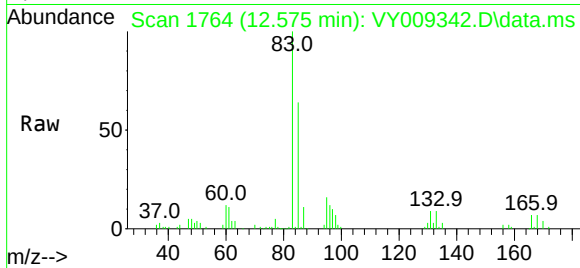




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.233 ug/l  
 RT: 12.575 min Scan# 1764  
 Delta R.T. -0.006 min  
 Lab File: VY009342.D  
 Acq: 27 Jun 2022 14:49

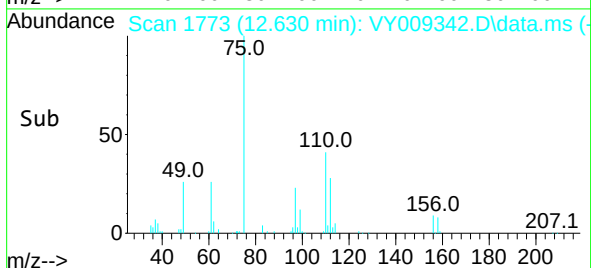
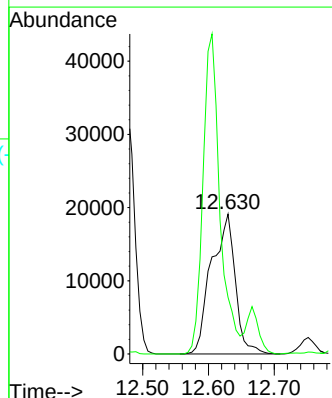
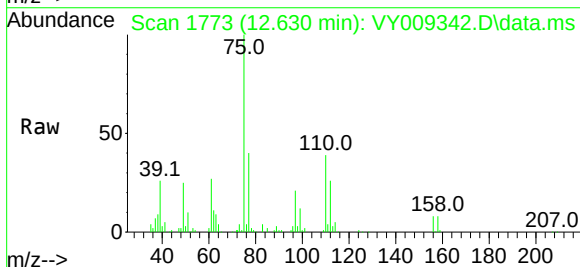
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBSD01

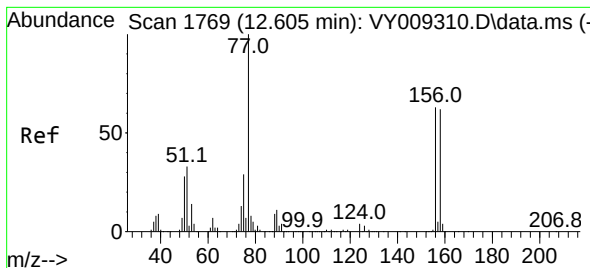
Tgt Ion: 83 Resp: 34976  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.4 16.2  
 85 66.9 32.8 98.4



#76  
 1,2,3-Trichloropropane  
 Concen: 39.274 ug/l  
 RT: 12.630 min Scan# 1773  
 Delta R.T. 0.000 min  
 Lab File: VY009342.D  
 Acq: 27 Jun 2022 14:49

Tgt Ion: 75 Resp: 48309  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.041 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

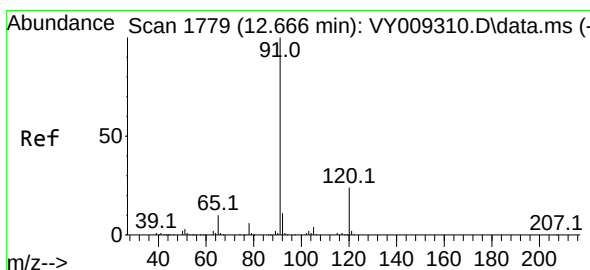
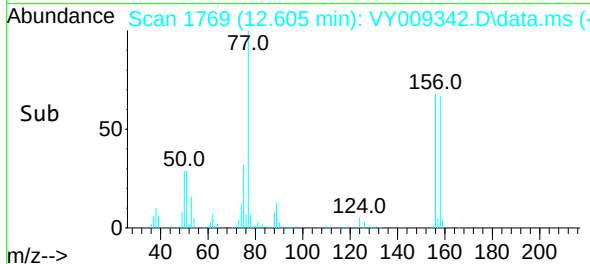
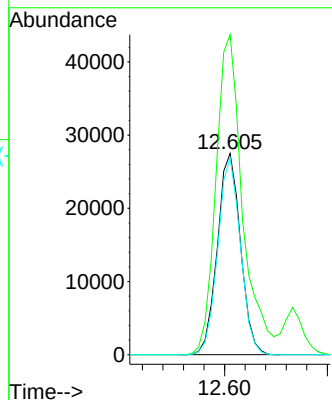
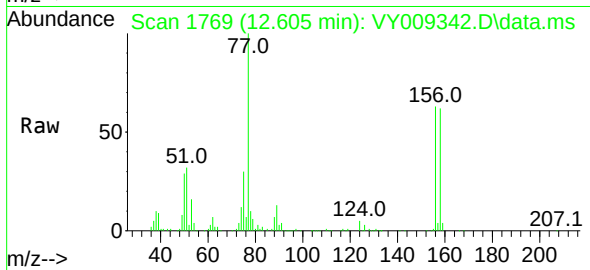
Tgt Ion:156 Resp: 42871

Ion Ratio Lower Upper

156 100

77 182.7 88.1 264.3

158 95.4 48.6 145.8



#78

n-propylbenzene

Concen: 20.418 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009342.D

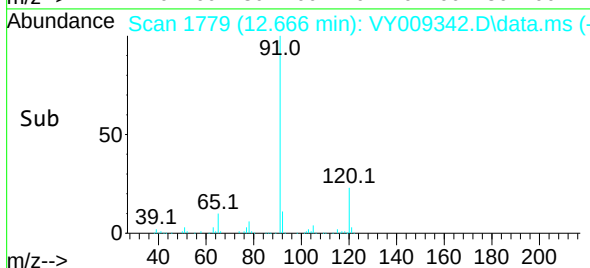
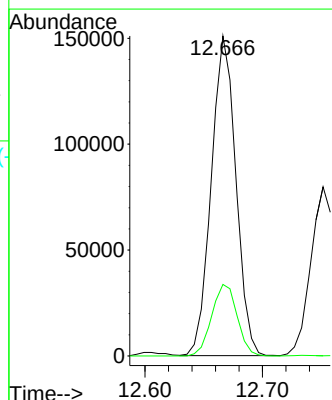
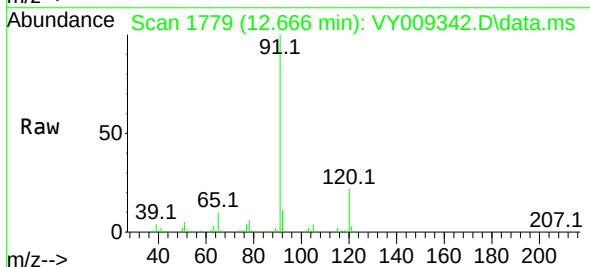
Acq: 27 Jun 2022 14:49

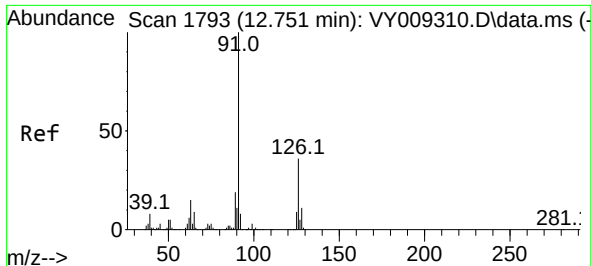
Tgt Ion: 91 Resp: 220054

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5

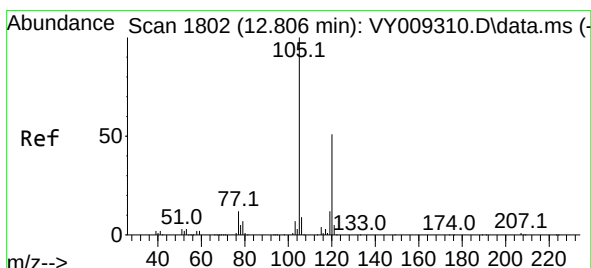
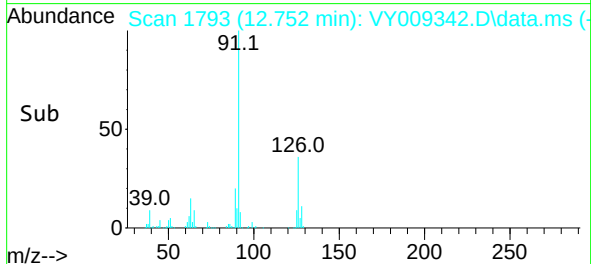
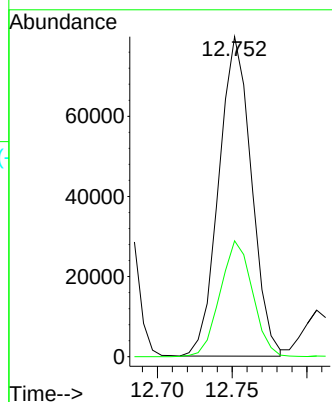
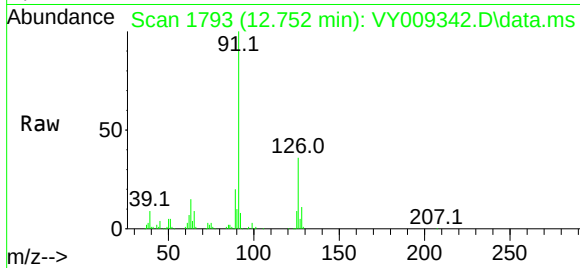




#79  
2-Chlorotoluene  
Concen: 20.212 ug/l  
RT: 12.752 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

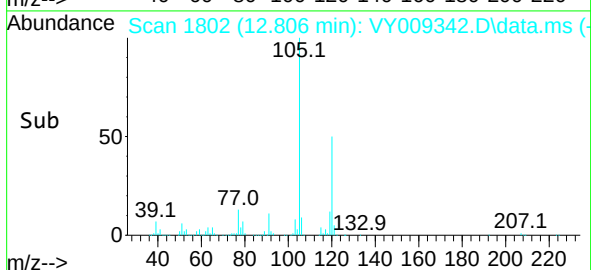
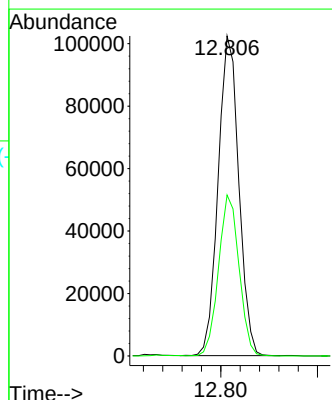
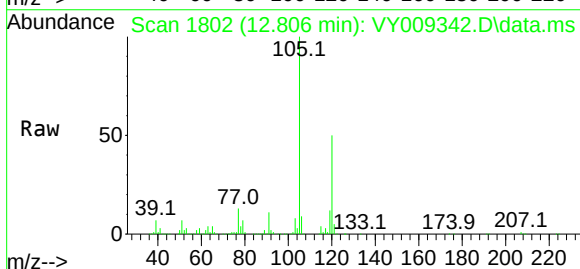
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

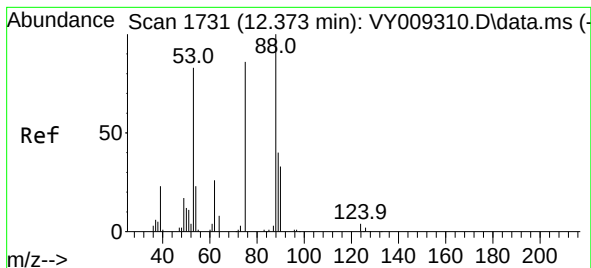
Tgt Ion: 91 Resp: 121030  
Ion Ratio Lower Upper  
91 100  
126 36.0 17.8 53.4



#80  
1,3,5-Trimethylbenzene  
Concen: 20.567 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 105 Resp: 151400  
Ion Ratio Lower Upper  
105 100  
120 50.1 25.3 75.8

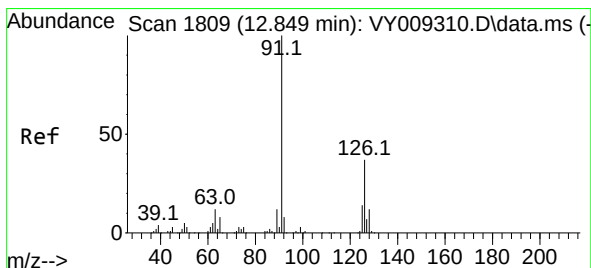
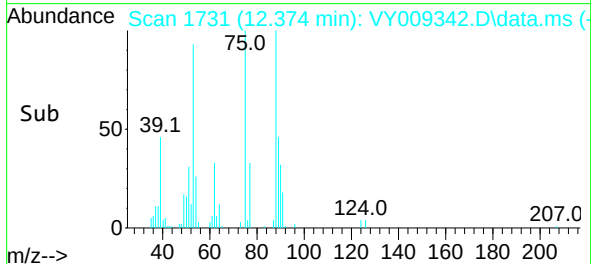
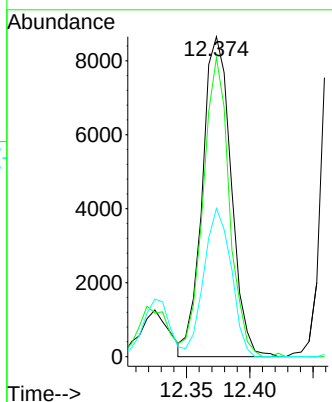
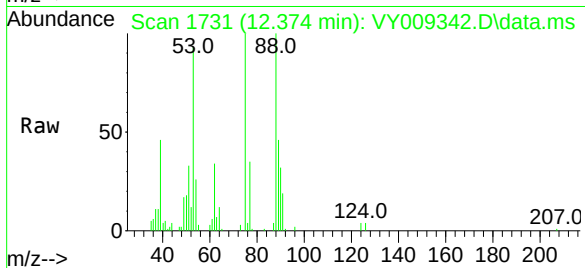




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.993 ug/l  
RT: 12.374 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

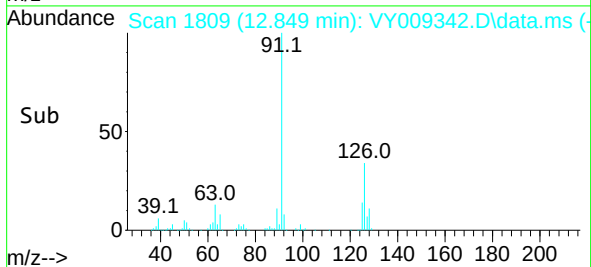
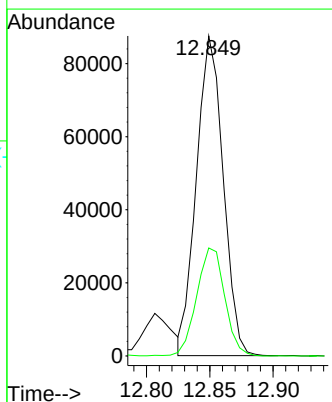
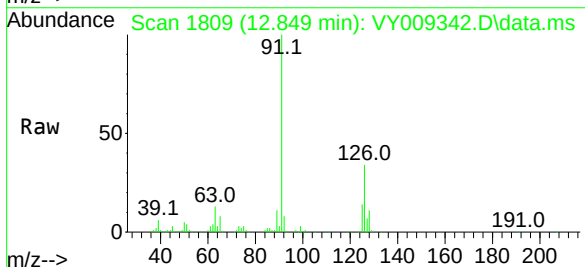
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

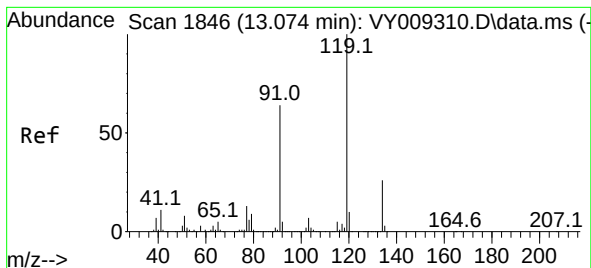
Tgt Ion: 75 Resp: 13666  
Ion Ratio Lower Upper  
75 100  
53 85.2 71.4 107.2  
89 43.8 38.1 57.1



#82  
4-Chlorotoluene  
Concen: 20.653 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY009342.D  
Acq: 27 Jun 2022 14:49

Tgt Ion: 91 Resp: 128860  
Ion Ratio Lower Upper  
91 100  
126 35.5 18.0 54.0





#83

tert-Butylbenzene

Concen: 20.663 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

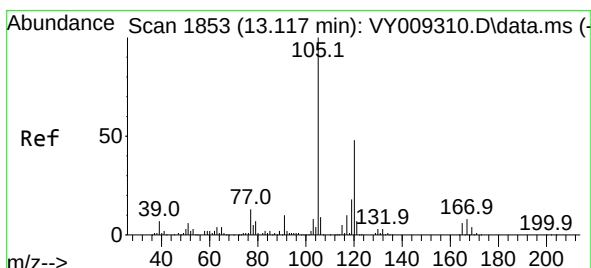
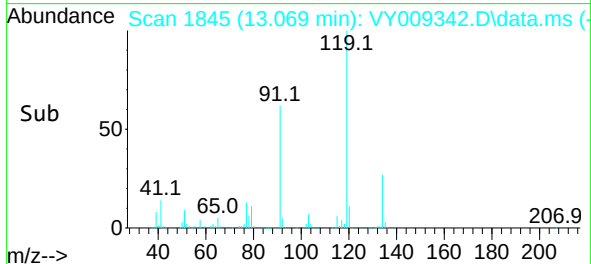
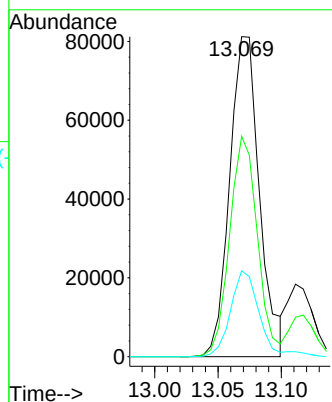
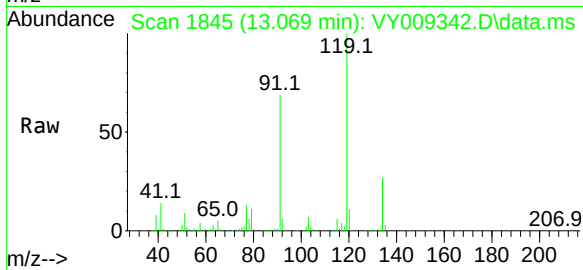
Tgt Ion:119 Resp: 133014

Ion Ratio Lower Upper

119 100

91 64.4 32.0 96.0

134 26.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.822 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009342.D

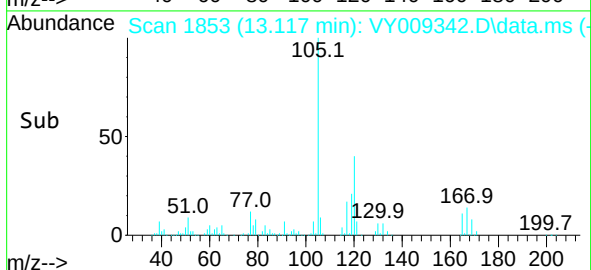
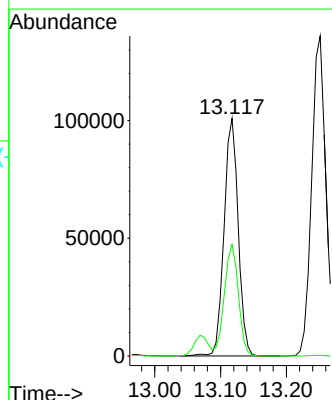
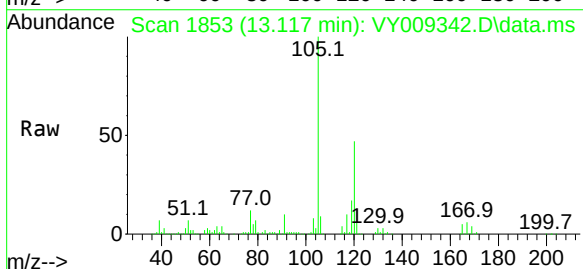
Acq: 27 Jun 2022 14:49

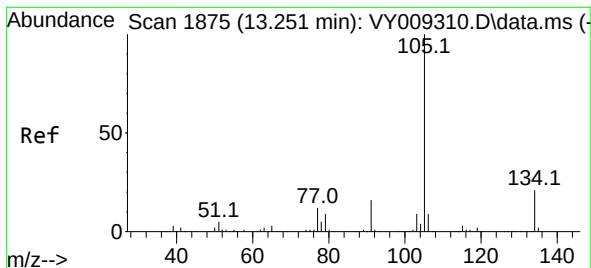
Tgt Ion:105 Resp: 151122

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.125 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

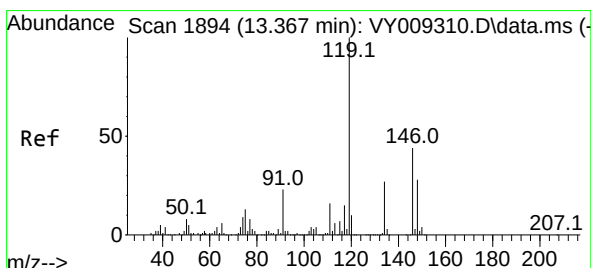
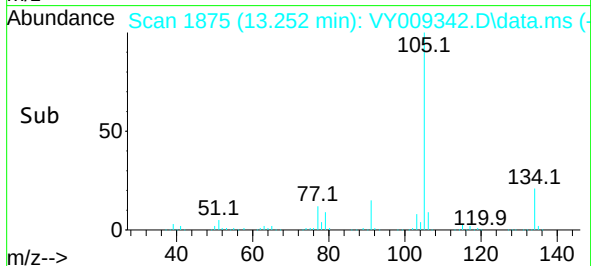
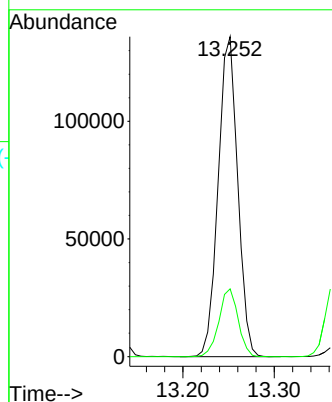
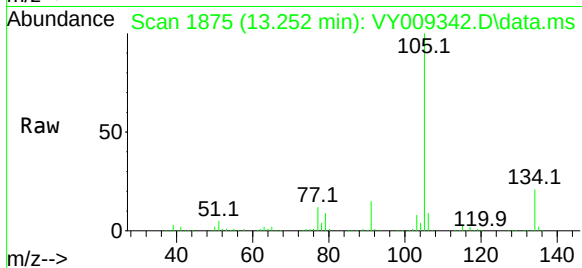
VY0627SBSD01

Tgt Ion:105 Resp: 201713

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.6



#86

p-Isopropyltoluene

Concen: 21.081 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

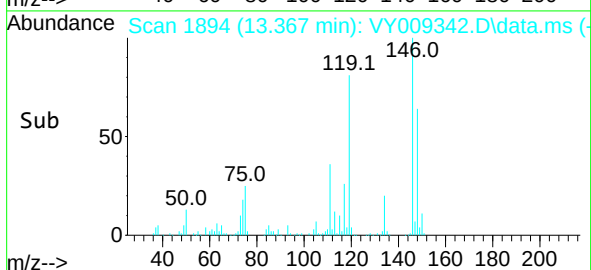
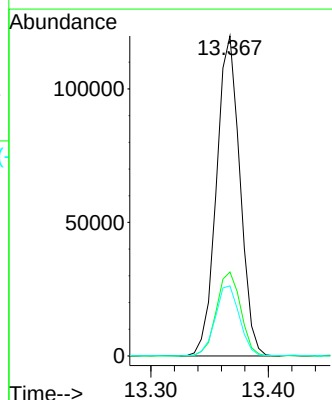
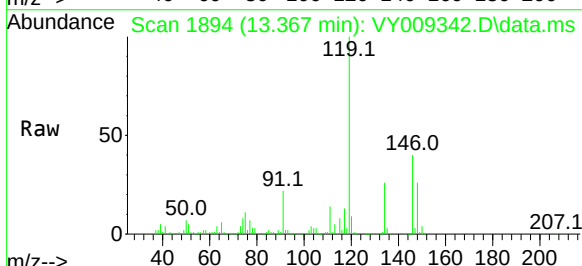
Tgt Ion:119 Resp: 166524

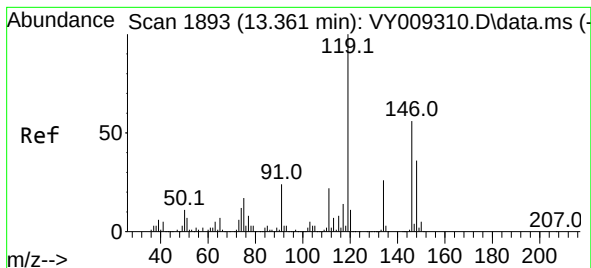
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.8 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.263 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

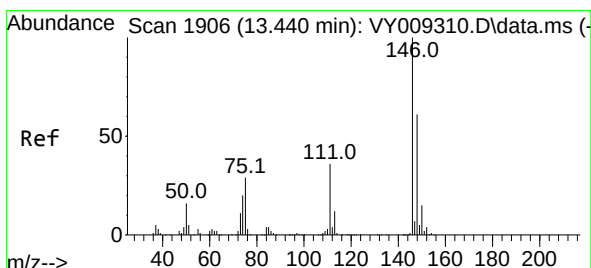
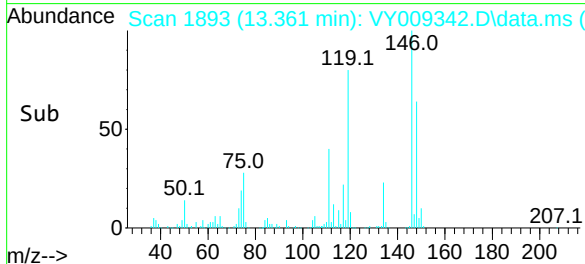
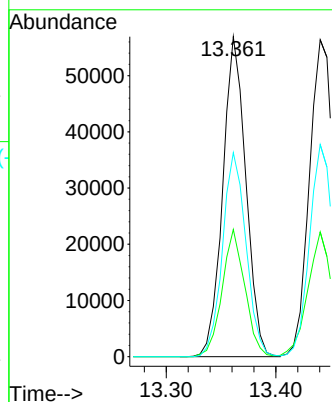
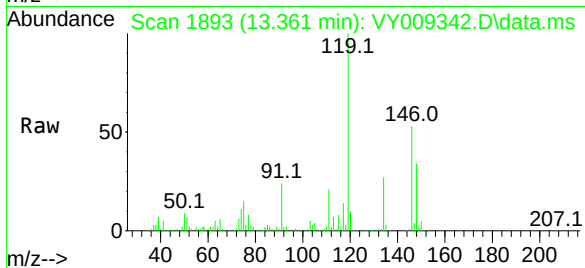
Tgt Ion:146 Resp: 83505

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

148 65.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.123 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

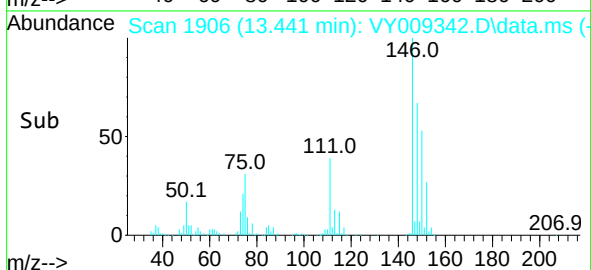
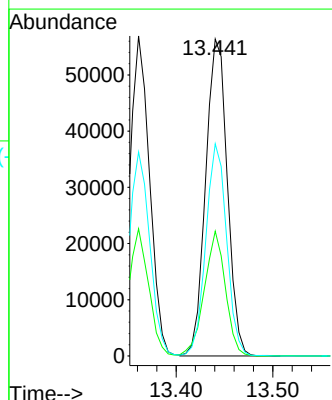
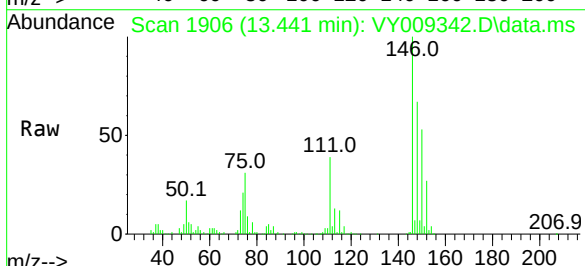
Tgt Ion:146 Resp: 87832

Ion Ratio Lower Upper

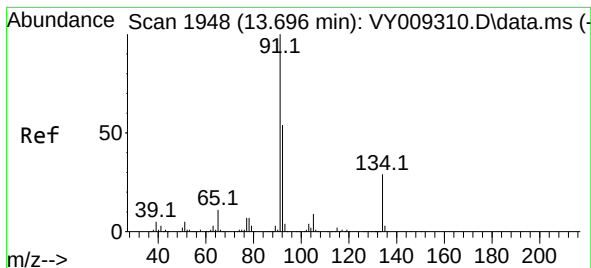
146 100

111 38.4 18.9 56.9

148 64.6 31.6 95.0







#89

n-Butylbenzene

Concen: 21.147 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

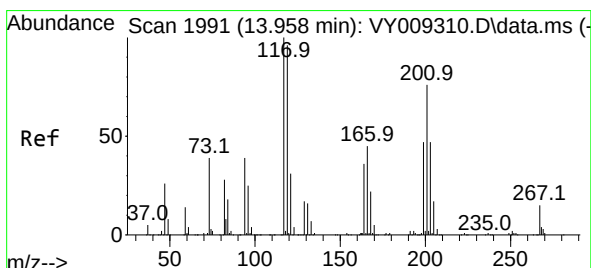
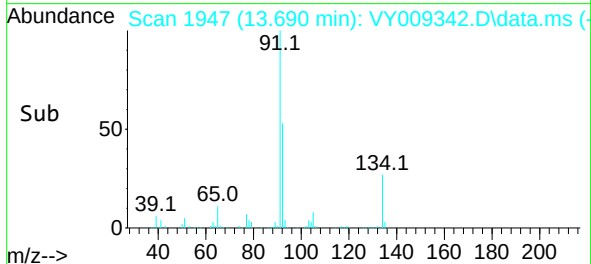
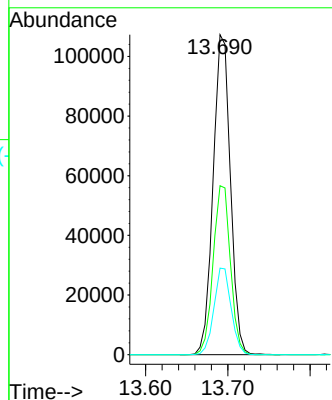
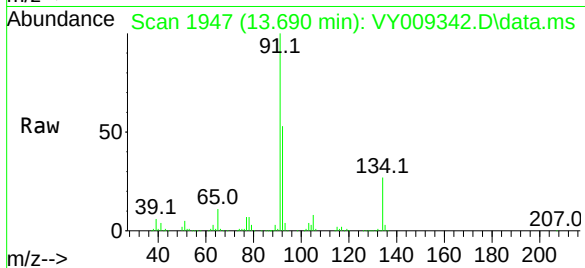
Tgt Ion: 91 Resp: 156669

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

134 26.9 14.0 41.9



#90

Hexachloroethane

Concen: 21.146 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009342.D

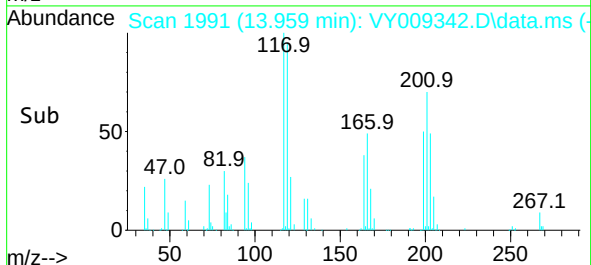
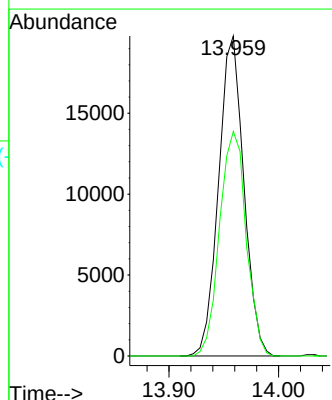
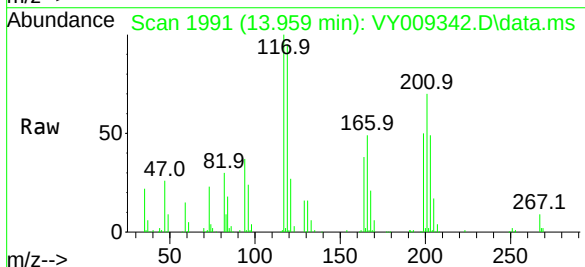
Acq: 27 Jun 2022 14:49

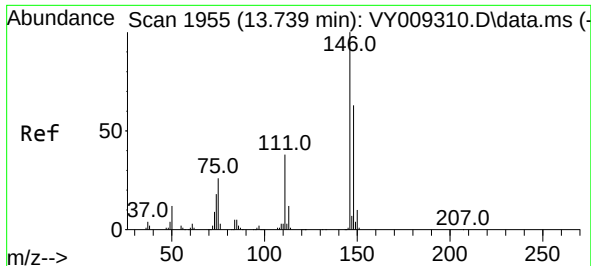
Tgt Ion: 117 Resp: 31611

Ion Ratio Lower Upper

117 100

201 73.8 38.8 116.3





#91

1,2-Dichlorobenzene

Concen: 21.293 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

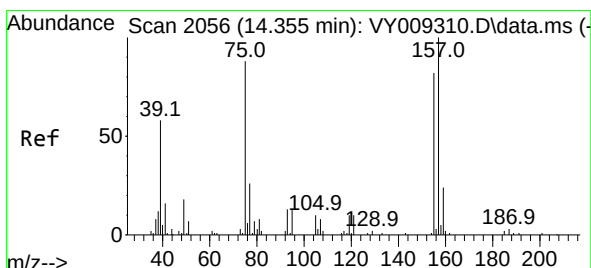
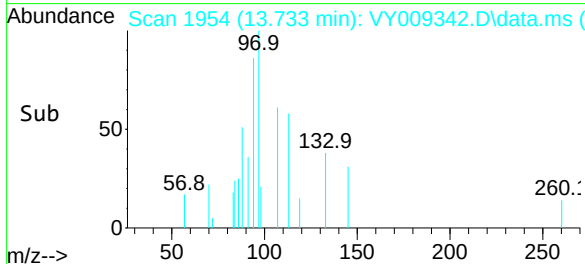
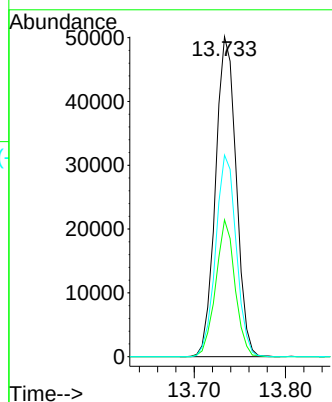
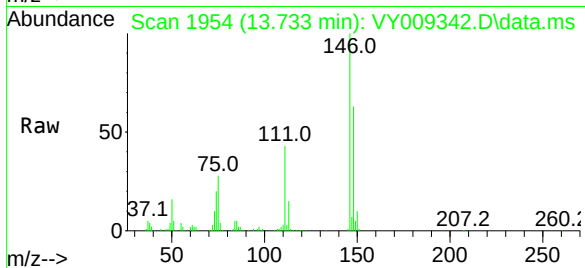
Tgt Ion:146 Resp: 78759

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 62.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.843 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

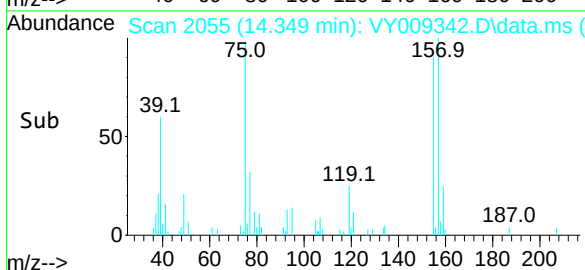
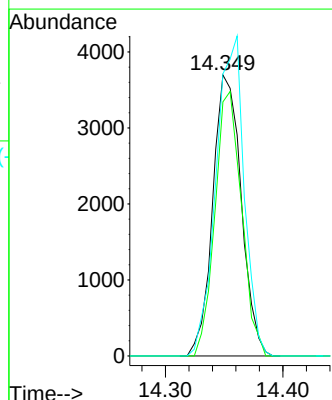
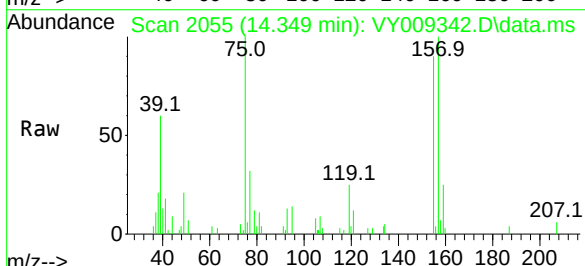
Tgt Ion: 75 Resp: 6217

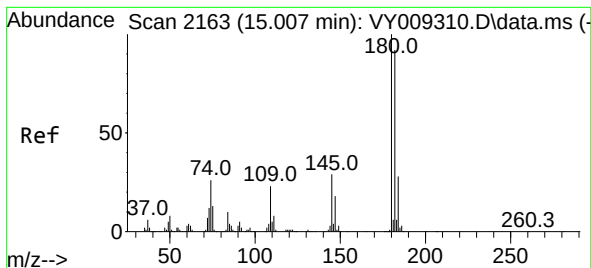
Ion Ratio Lower Upper

75 100

155 88.0 46.4 139.1

157 112.5 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 21.415 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

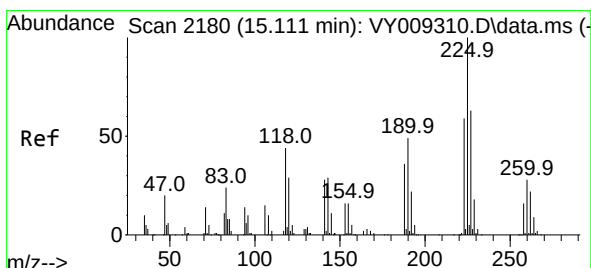
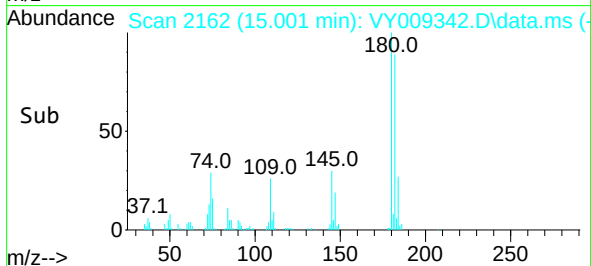
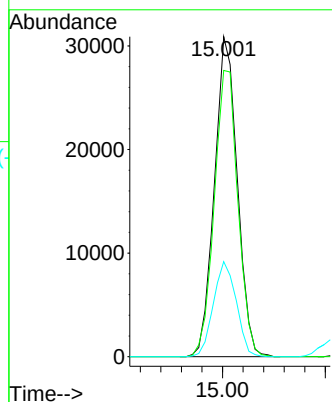
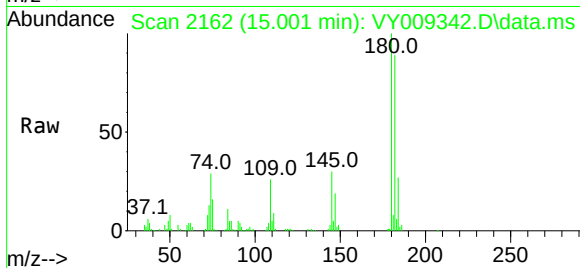
Tgt Ion:180 Resp: 47655

Ion Ratio Lower Upper

180 100

182 92.7 47.3 141.9

145 29.7 15.1 45.3



#94

Hexachlorobutadiene

Concen: 21.725 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

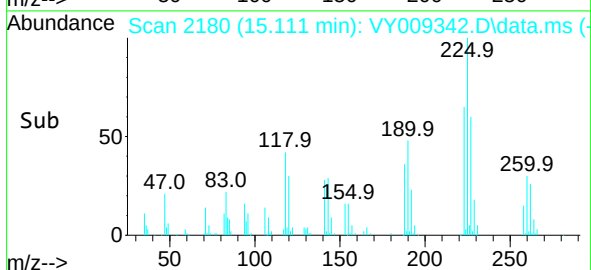
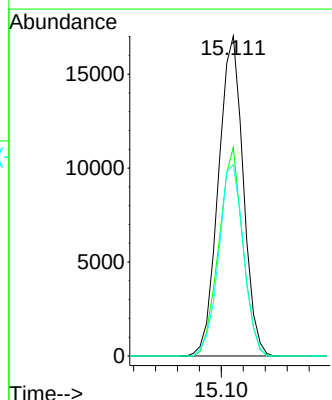
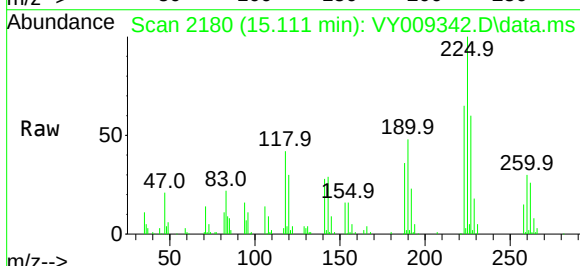
Tgt Ion:225 Resp: 26705

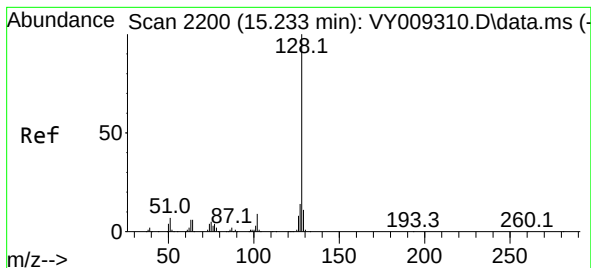
Ion Ratio Lower Upper

225 100

223 62.6 30.8 92.3

227 60.0 31.9 95.5





#95

Naphthalene

Concen: 21.070 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

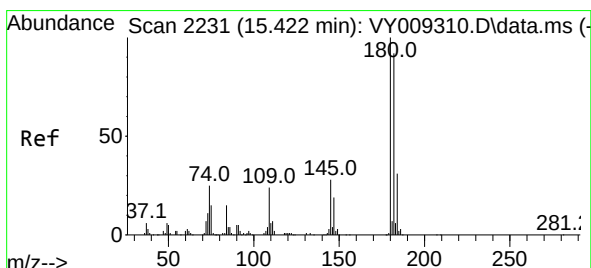
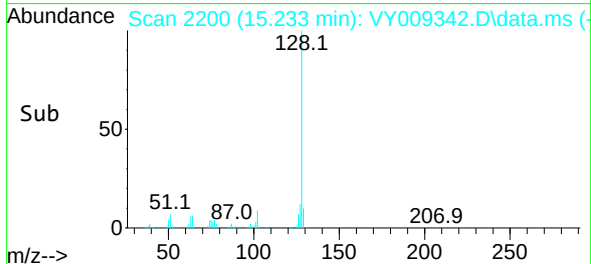
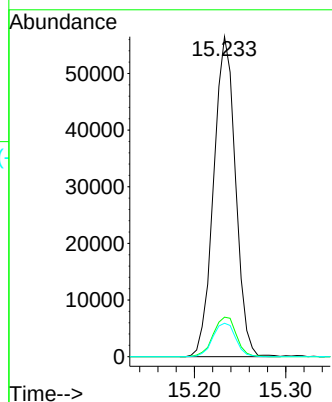
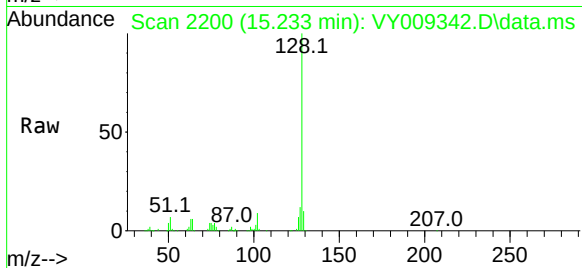
Tgt Ion:128 Resp: 93876

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.040 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009342.D

Acq: 27 Jun 2022 14:49

Tgt Ion:180 Resp: 40562

Ion Ratio Lower Upper

180 100

182 96.6 47.0 141.0

145 31.3 15.6 46.7

