

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091624\  
 Data File : VY019556.D  
 Acq On : 16 Sep 2024 09:40  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 17 02:11:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 467131   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.615  | 114  | 776961   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 691240   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 315322   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 214501   | 49.590   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.180%  |
| 35) Dibromofluoromethane    | 7.634  | 113   | 222480   | 50.504   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.000% |
| 50) Toluene-d8              | 10.109 | 98    | 816782   | 50.128   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 100.260% |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 292842   | 46.742   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =    | 93.480%  |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 122179  | 47.662  | ug/l   | 99 |
| 3) Chloromethane             | 2.068 | 50  | 188290  | 48.719  | ug/l   | 99 |
| 4) Vinyl Chloride            | 2.208 | 62  | 225589  | 53.980  | ug/l   | 99 |
| 5) Bromomethane              | 2.598 | 94  | 156989  | 61.156  | ug/l   | 99 |
| 6) Chloroethane              | 2.738 | 64  | 156730  | 57.368  | ug/l   | 98 |
| 7) Trichlorofluoromethane    | 3.062 | 101 | 380234  | 54.581  | ug/l   | 96 |
| 8) Diethyl Ether             | 3.458 | 74  | 120732  | 51.629  | ug/l   | 89 |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 233289  | 54.134  | ug/l   | 97 |
| 10) Methyl Iodide            | 4.007 | 142 | 269768  | 48.825  | ug/l   | 93 |
| 11) Tert butyl alcohol       | 4.860 | 59  | 84232   | 241.131 | ug/l # | 77 |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 215935  | 52.102  | ug/l   | 88 |
| 13) Acrolein                 | 3.647 | 56  | 34442   | 202.059 | ug/l   | 99 |
| 14) Allyl chloride           | 4.385 | 41  | 375440  | 50.515  | ug/l # | 93 |
| 15) Acrylonitrile            | 5.049 | 53  | 258348  | 256.223 | ug/l   | 99 |
| 16) Acetone                  | 3.872 | 43  | 310279  | 301.097 | ug/l # | 86 |
| 17) Carbon Disulfide         | 4.104 | 76  | 588302  | 52.538  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.385 | 43  | 127599  | 45.628  | ug/l   | 93 |
| 19) Methyl tert-butyl Ether  | 5.110 | 73  | 613026  | 52.225  | ug/l   | 97 |
| 20) Methylene Chloride       | 4.616 | 84  | 236439  | 50.311  | ug/l   | 91 |
| 21) trans-1,2-Dichloroethene | 5.110 | 96  | 241378  | 53.135  | ug/l   | 89 |
| 22) Diisopropyl ether        | 6.018 | 45  | 786582  | 51.537  | ug/l   | 96 |
| 23) Vinyl Acetate            | 5.951 | 43  | 2300890 | 263.934 | ug/l # | 93 |
| 24) 1,1-Dichloroethane       | 5.909 | 63  | 460006  | 53.712  | ug/l   | 97 |
| 25) 2-Butanone               | 6.890 | 43  | 392203  | 267.601 | ug/l   | 89 |
| 26) 2,2-Dichloropropane      | 6.878 | 77  | 414991  | 53.718  | ug/l   | 99 |
| 27) cis-1,2-Dichloroethene   | 6.884 | 96  | 295198  | 53.496  | ug/l   | 89 |
| 28) Bromochloromethane       | 7.244 | 49  | 202836  | 56.289  | ug/l   | 87 |
| 29) Tetrahydrofuran          | 7.256 | 42  | 218185  | 244.843 | ug/l   | 88 |
| 30) Chloroform               | 7.414 | 83  | 475319  | 54.367  | ug/l   | 99 |
| 31) Cyclohexane              | 7.701 | 56  | 383121  | 49.491  | ug/l   | 95 |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 432875  | 55.239  | ug/l   | 97 |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 332618  | 55.490  | ug/l   | 98 |
| 37) Ethyl Acetate            | 6.982 | 43  | 159153  | 51.819  | ug/l   | 96 |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 379458  | 56.136  | ug/l   | 98 |
| 39) Methylcyclohexane        | 9.109 | 83  | 436474  | 54.716  | ug/l   | 92 |
| 40) Benzene                  | 8.079 | 78  | 1007738 | 54.583  | ug/l   | 99 |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 17 02:11:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.213  | 41   | 90573    | 50.590   | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 275451   | 55.445   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.195  | 43   | 336394   | 52.133   | ug/l   | 91       |
| 44) Trichloroethene           | 8.865  | 130  | 261707   | 55.117   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 276177   | 61.187   | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 135511   | 54.901   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.426  | 83   | 365139   | 55.033   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.219  | 41   | 156290   | 51.291   | ug/l   | 86       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 29309    | 1008.667 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 828844   | 255.325  | ug/l   | 92       |
| 52) Toluene                   | 10.170 | 92   | 654471   | 55.118   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 365424   | 57.776   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 437260   | 59.372   | ug/l # | 56       |
| 55) 1,1,2-Trichloroethane     | 10.572 | 97   | 185500   | 54.421   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 272664   | 52.659   | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 329910   | 56.307   | ug/l # | 78       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 656586   | 273.212  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.761 | 43   | 624711   | 262.493  | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.914 | 129  | 250355   | 55.523   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.017 | 107  | 167194   | 52.644   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.646 | 164  | 221685   | 51.789   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.444 | 112  | 718733   | 52.859   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 248682   | 52.824   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.517 | 91   | 1288152  | 53.318   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 975511   | 106.784  | ug/l   | 95       |
| 69) o-Xylene                  | 11.956 | 106  | 474323   | 53.091   | ug/l   | 63       |
| 70) Styrene                   | 11.969 | 104  | 828652   | 54.935   | ug/l # | 84       |
| 71) Bromoform                 | 12.133 | 173  | 141635   | 52.673   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.255 | 105  | 1256238  | 54.916   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 319481   | 51.352   | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 215294   | 53.024   | ug/l   | 86       |
| 76) 1,2,3-Trichloropropane    | 12.529 | 75   | 282311   | 95.521   | ug/l # | 100      |
| 77) Bromobenzene              | 12.529 | 156  | 275474   | 54.297   | ug/l   | 91       |
| 78) n-propylbenzene           | 12.596 | 91   | 2474749  | 91.273   | ug/l   | 81       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 855068   | 54.114   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 1016209  | 54.644   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 79335    | 51.531   | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 885306   | 54.498   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 930427   | 55.265   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 1001275  | 54.392   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 1348265  | 55.127   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.291 | 119  | 1114651  | 55.704   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.291 | 146  | 543103   | 55.090   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.371 | 146  | 535962   | 54.781   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.621 | 91   | 1062847  | 55.560   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.883 | 117  | 230316   | 55.317   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 479436   | 54.498   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 34152    | 50.468   | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 14.925 | 180  | 501735   | 93.772   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 150942   | 52.807   | ug/l   | 100      |
| 95) Naphthalene               | 15.145 | 128  | 543831   | 50.754   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 237395   | 51.870   | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

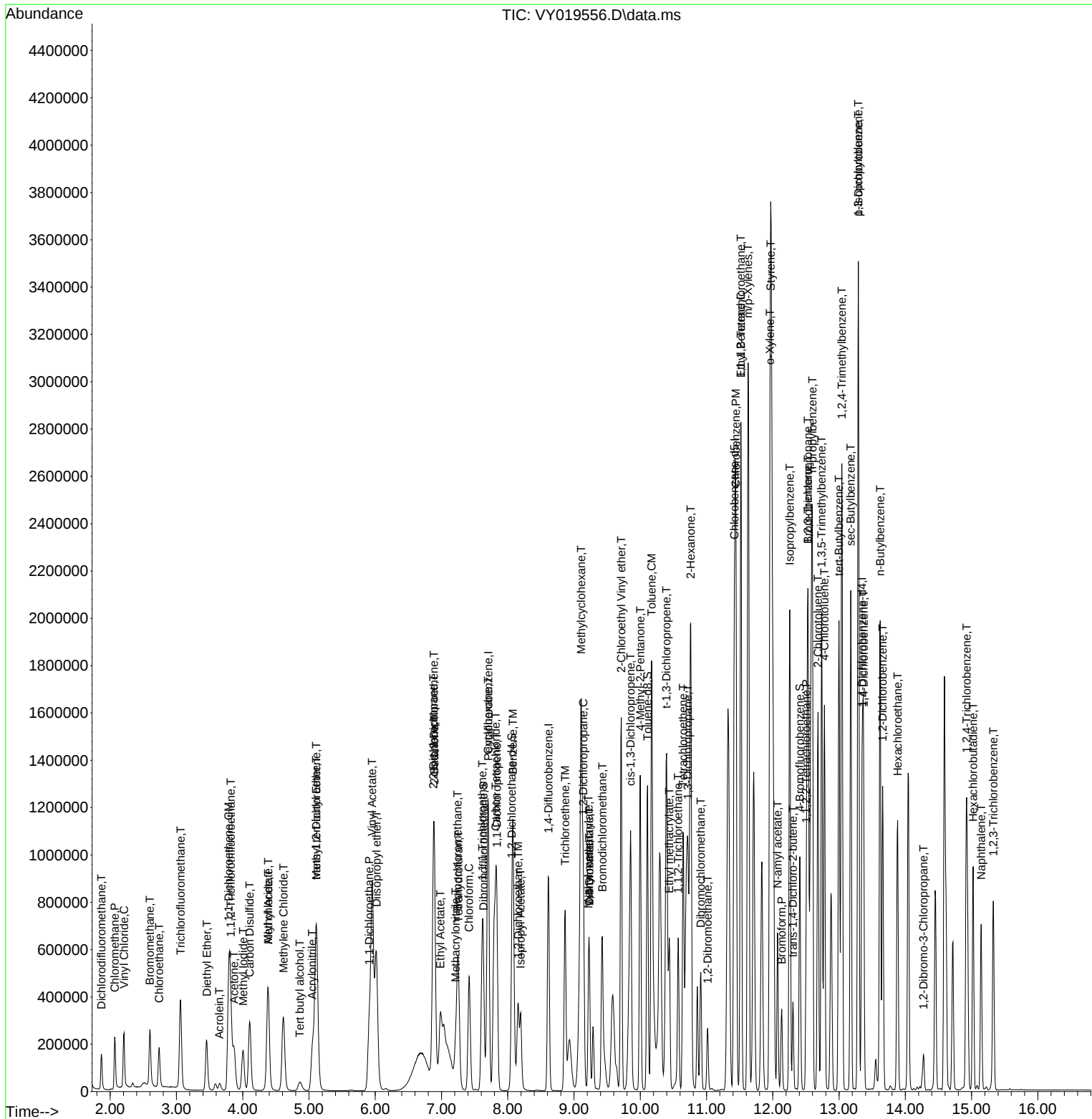
Instrument :  
MSVOA\_Y  
ClientSampleId :

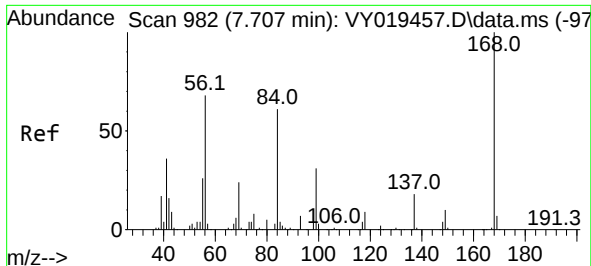
Quant Time: Sep 17 02:11:02 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 09 16:00:30 2024  
Response via : Initial Calibration

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

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

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Response via : Initial Calibration

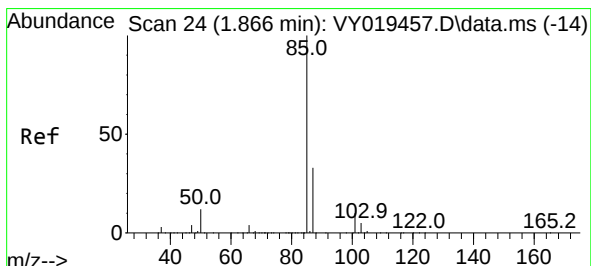
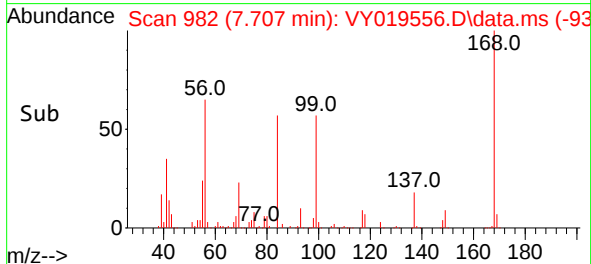
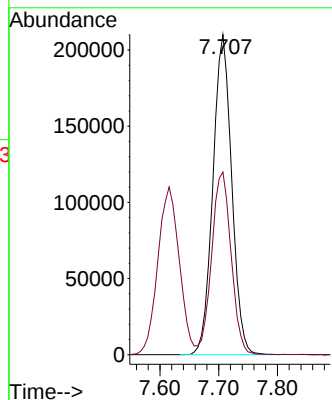
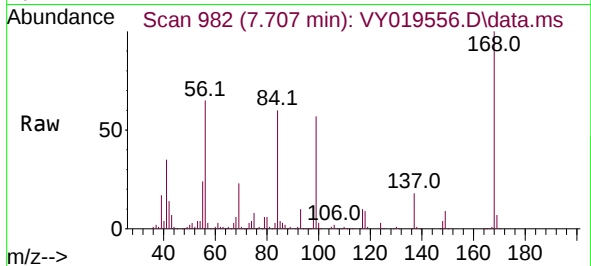




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

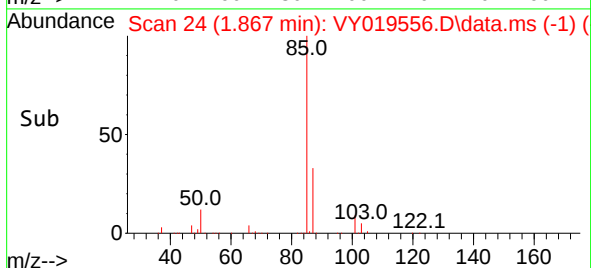
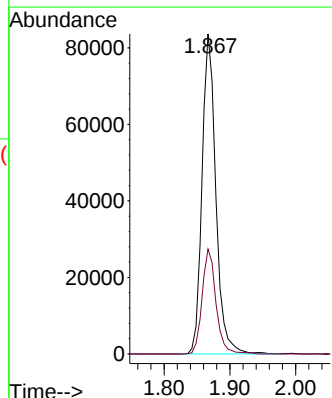
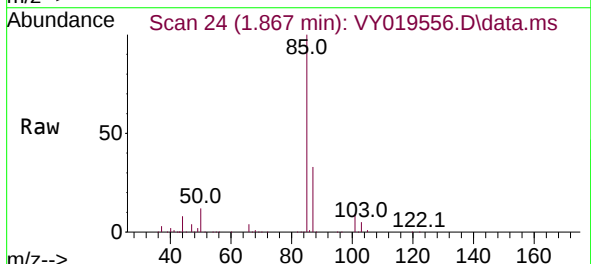
Instrument :  
MSVOA\_Y  
ClientSampleId :

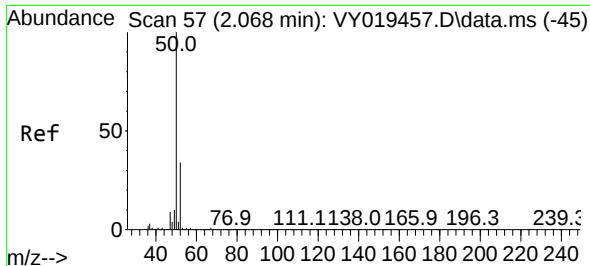
Tgt Ion:168 Resp: 467131  
Ion Ratio Lower Upper  
168 100  
99 57.0 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 47.662 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.001 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 85 Resp: 122179  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.0 48.0

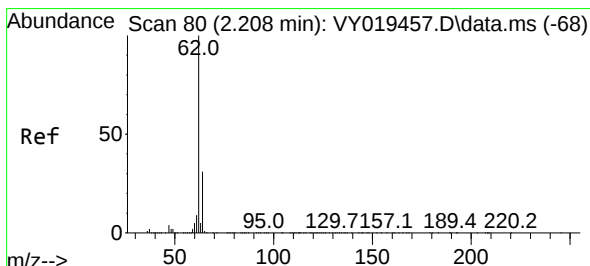
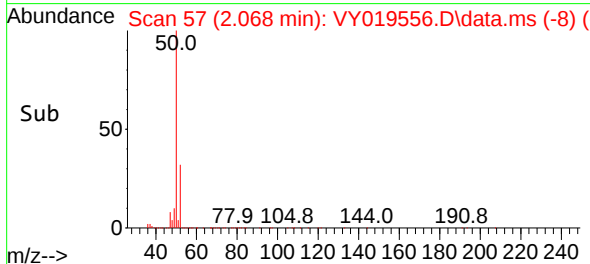
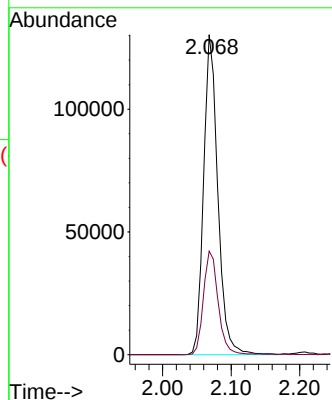
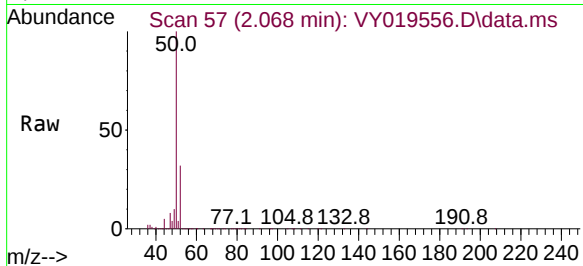




#3  
Chloromethane  
Concen: 48.719 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

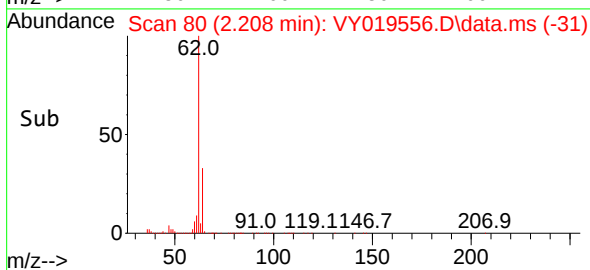
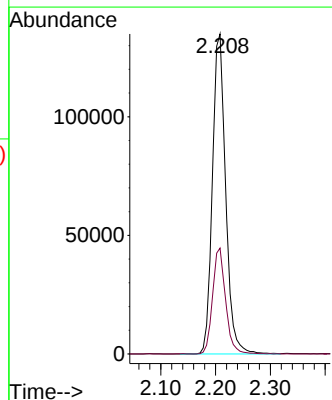
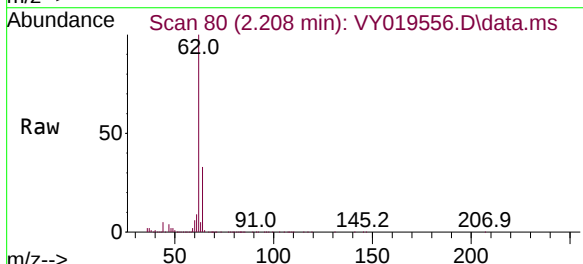
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 50 Resp: 188290  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.6 38.4



#4  
Vinyl Chloride  
Concen: 53.980 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 62 Resp: 225589  
Ion Ratio Lower Upper  
62 100  
64 33.1 26.1 39.1

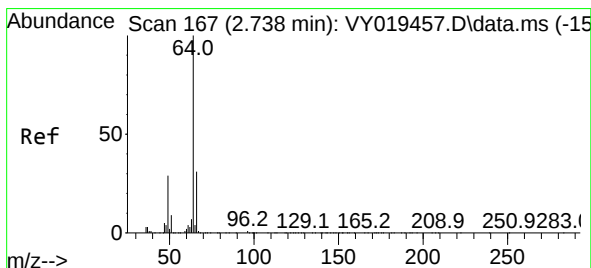
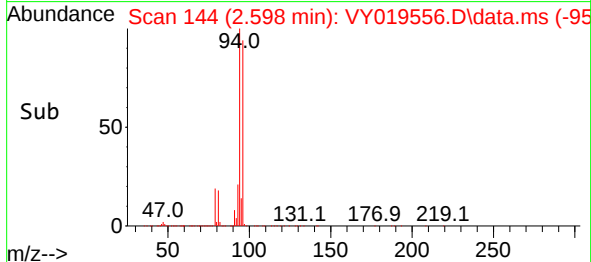
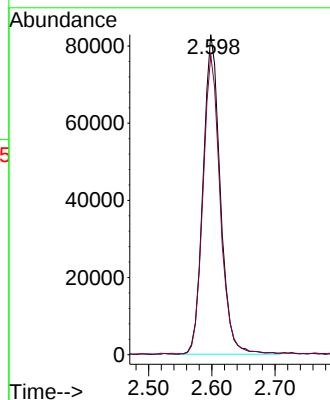
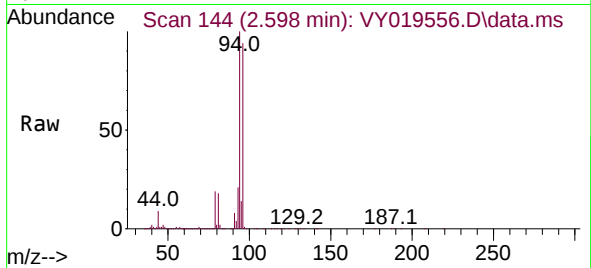




#5  
Bromomethane  
Concen: 61.156 ug/l  
RT: 2.598 min Scan# 144  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

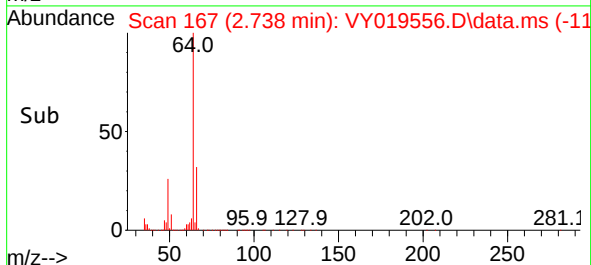
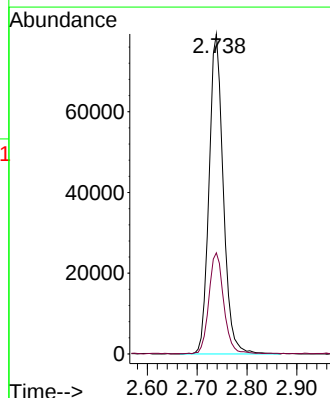
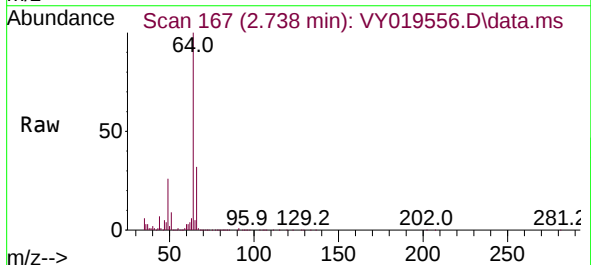
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 94 Resp: 156989  
Ion Ratio Lower Upper  
94 100  
96 93.4 74.1 111.1



#6  
Chloroethane  
Concen: 57.368 ug/l  
RT: 2.738 min Scan# 167  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

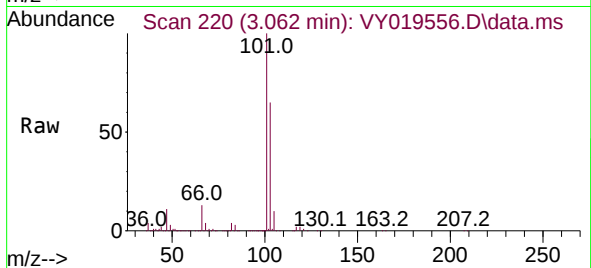
Tgt Ion: 64 Resp: 156730  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.1 39.1



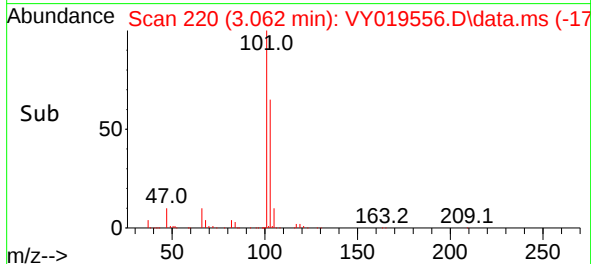
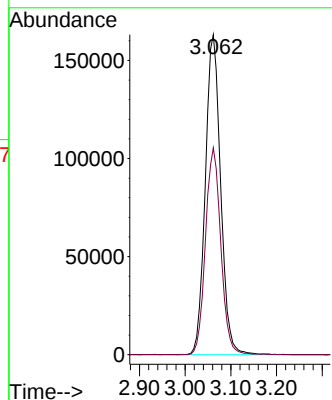


#7  
 Trichlorofluoromethane  
 Concen: 54.581 ug/l  
 RT: 3.062 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VY019556.D  
 Acq: 16 Sep 2024 09:40

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

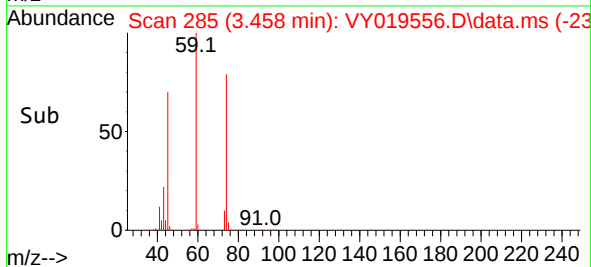
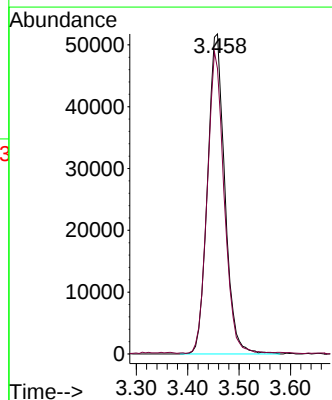
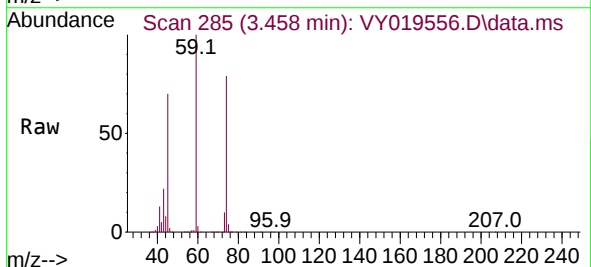


Tgt Ion:101 Resp: 380234  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 51.629 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. 0.000 min  
 Lab File: VY019556.D  
 Acq: 16 Sep 2024 09:40

Tgt Ion: 74 Resp: 120732  
 Ion Ratio Lower Upper  
 74 100  
 45 92.6 41.3 124.1

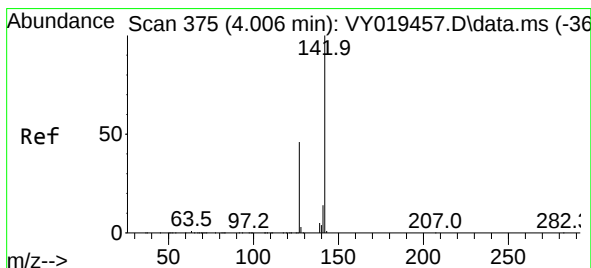
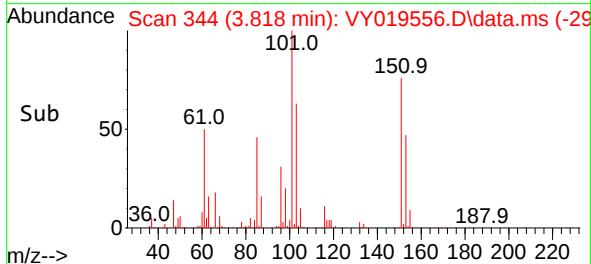
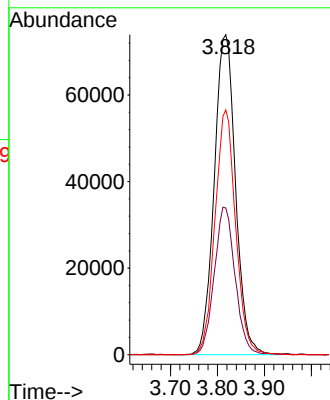
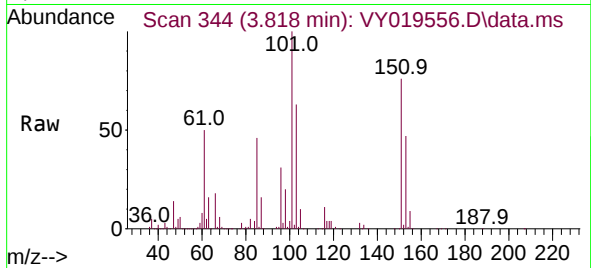




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.134 ug/l  
RT: 3.818 min Scan# 343  
Delta R.T. 0.006 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

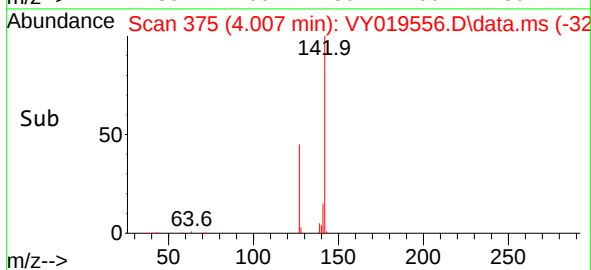
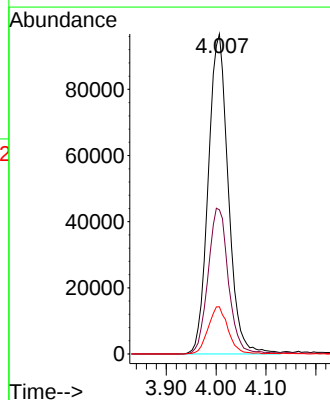
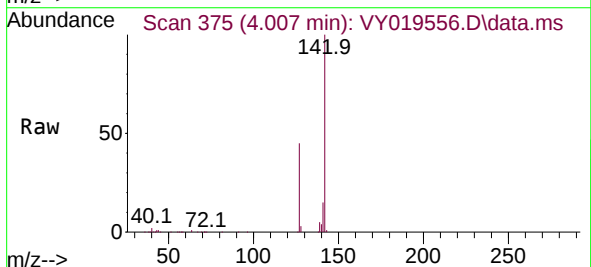
Instrument :  
MSVOA\_Y  
ClientSampleId :

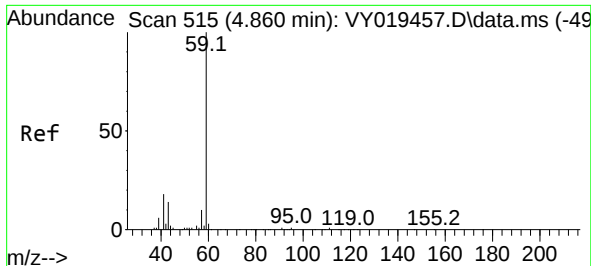
Tgt Ion:101 Resp: 233289  
Ion Ratio Lower Upper  
101 100  
85 45.2 34.5 51.7  
151 74.1 61.7 92.5



#10  
Methyl Iodide  
Concen: 48.825 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion:142 Resp: 269768  
Ion Ratio Lower Upper  
142 100  
127 46.5 32.8 49.2  
141 14.7 11.4 17.2

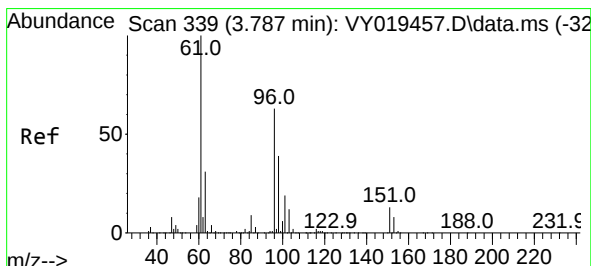
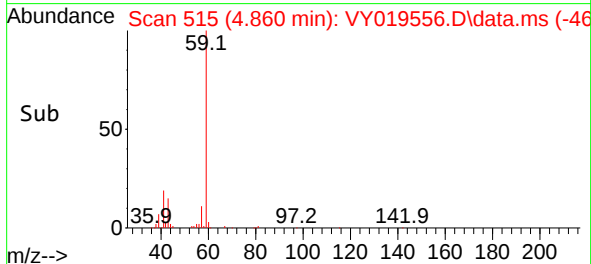
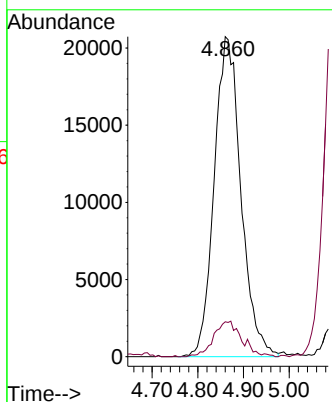
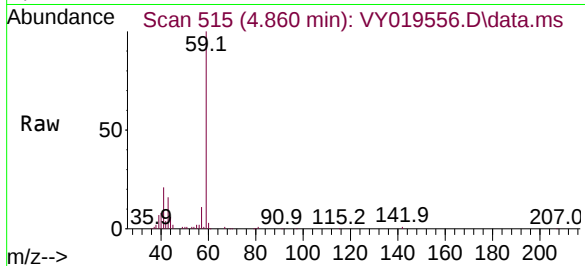




#11  
Tert butyl alcohol  
Concen: 241.131 ug/l  
RT: 4.860 min Scan# 515  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

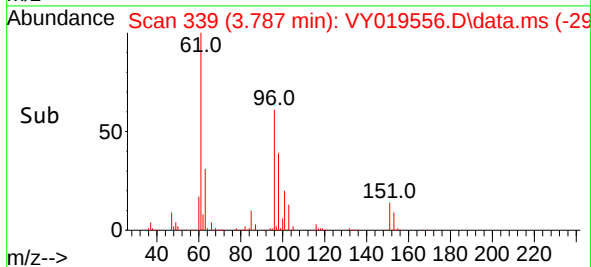
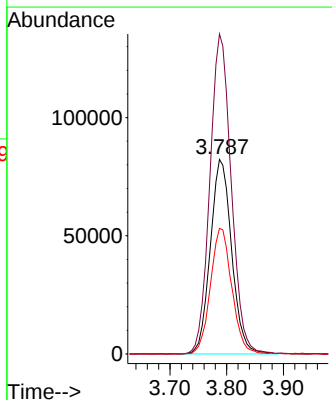
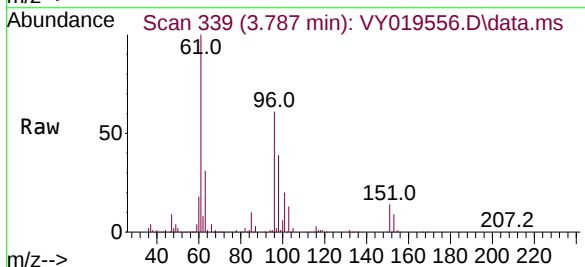
Instrument :  
MSVOA\_Y  
ClientSampleId :

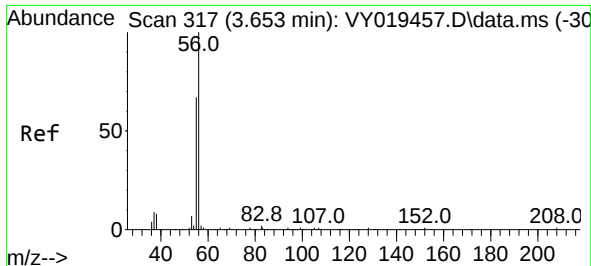
Tgt Ion: 59 Resp: 84232  
Ion Ratio Lower Upper  
59 100  
57 11.4 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 52.102 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 96 Resp: 215935  
Ion Ratio Lower Upper  
96 100  
61 164.4 114.6 171.8  
98 64.5 50.8 76.2





#13

Acrolein

Concen: 202.059 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

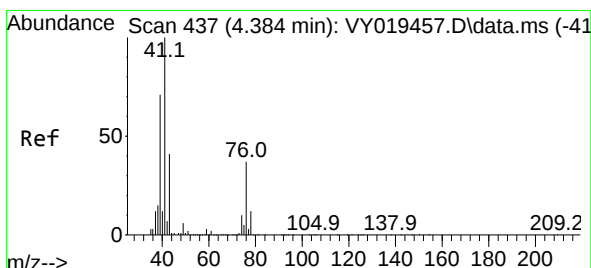
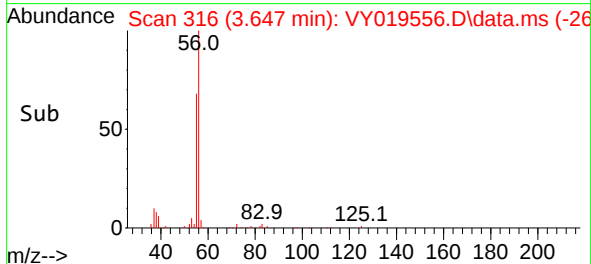
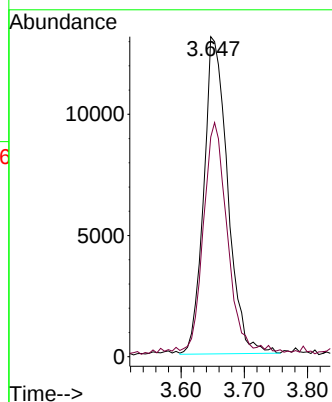
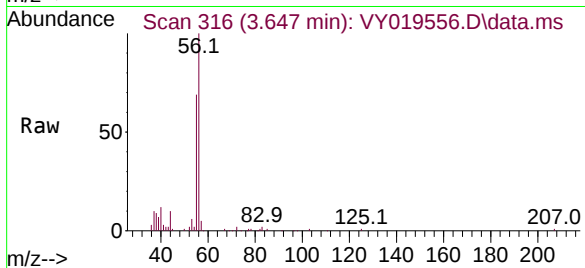
ClientSampleId :

Tgt Ion: 56 Resp: 34442

Ion Ratio Lower Upper

56 100

55 70.1 55.7 83.5



#14

Allyl chloride

Concen: 50.515 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

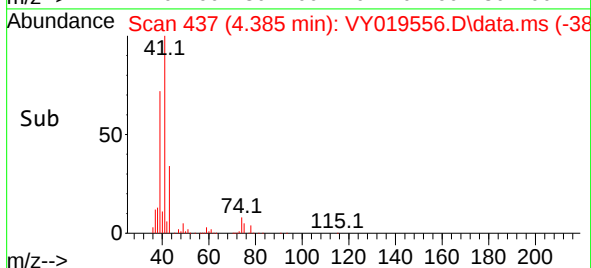
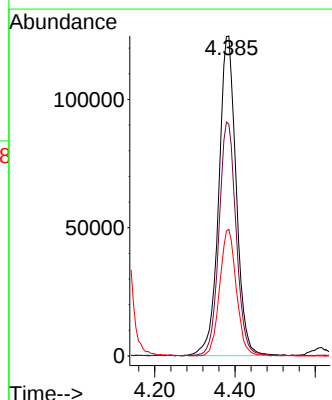
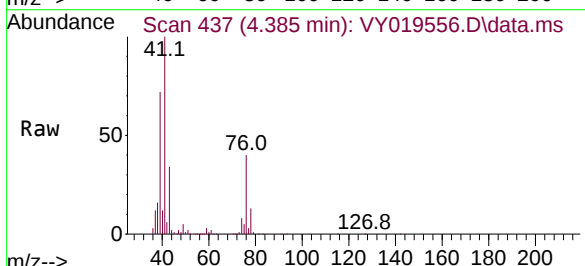
Tgt Ion: 41 Resp: 375440

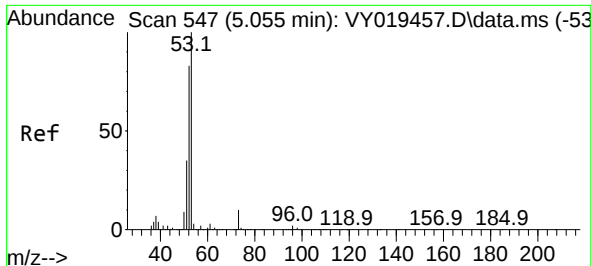
Ion Ratio Lower Upper

41 100

39 72.1 58.3 87.5

76 38.0 39.0 58.6#

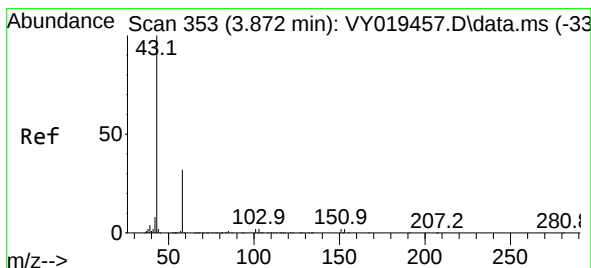
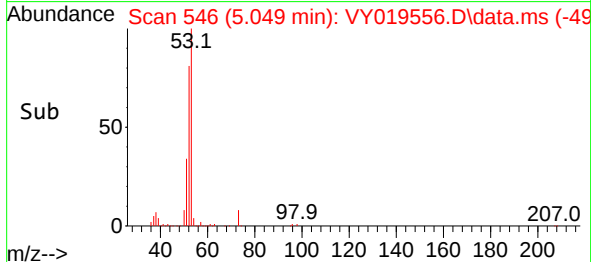
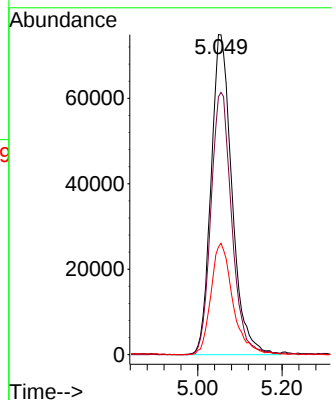
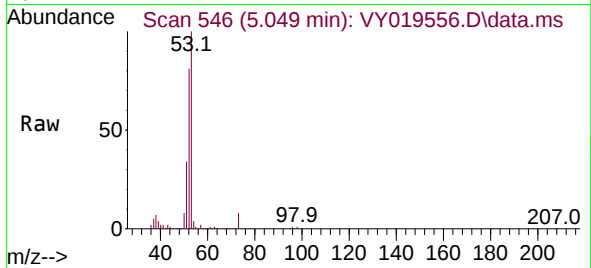




#15  
Acrylonitrile  
Concen: 256.223 ug/l  
RT: 5.049 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

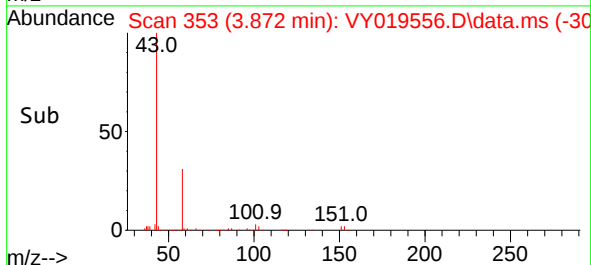
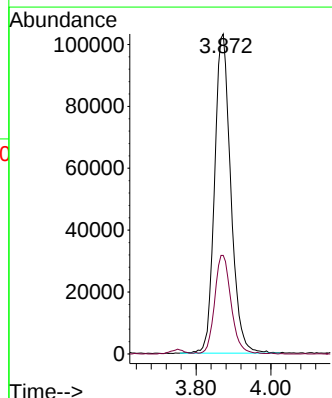
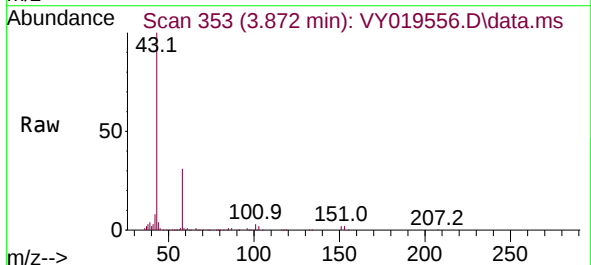
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 53 Resp: 258348  
Ion Ratio Lower Upper  
53 100  
52 81.5 64.7 97.1  
51 36.6 28.4 42.6



#16  
Acetone  
Concen: 301.097 ug/l  
RT: 3.872 min Scan# 353  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 43 Resp: 310279  
Ion Ratio Lower Upper  
43 100  
58 30.8 31.7 47.5#

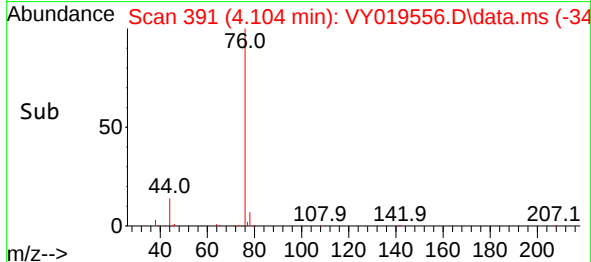
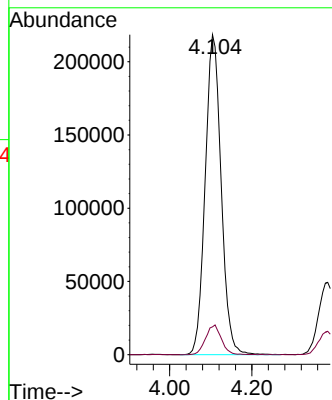
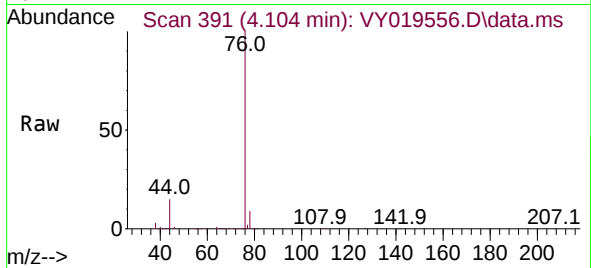




#17  
Carbon Disulfide  
Concen: 52.538 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

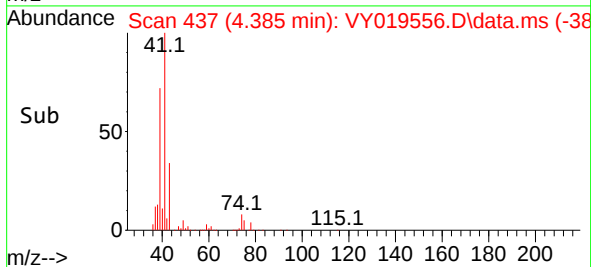
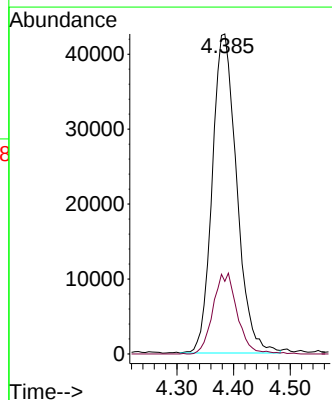
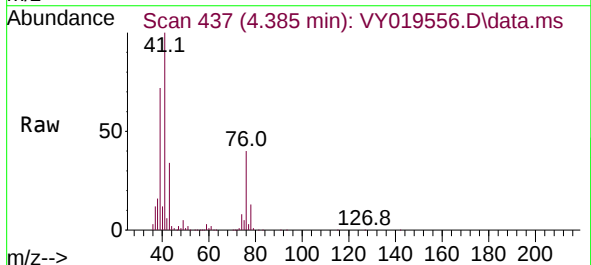
Instrument :  
MSVOA\_Y  
ClientSampleId :

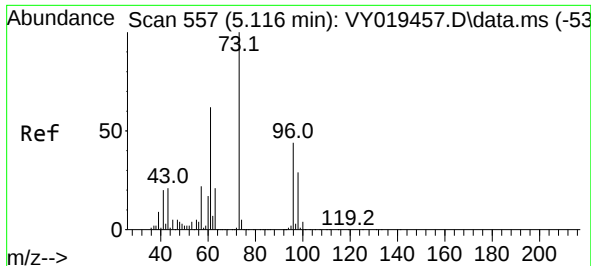
Tgt Ion: 76 Resp: 588302  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.8 10.2



#18  
Methyl Acetate  
Concen: 45.628 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 43 Resp: 127599  
Ion Ratio Lower Upper  
43 100  
74 25.1 23.3 34.9

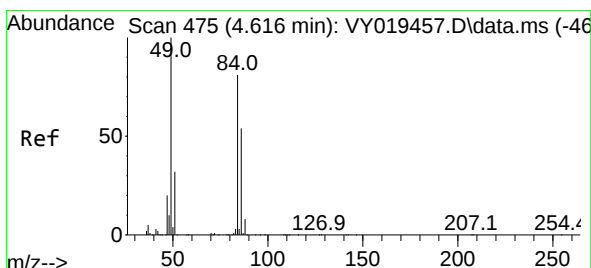
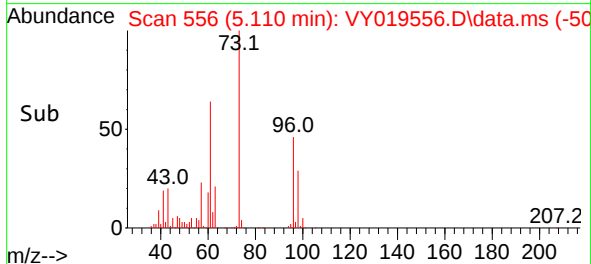
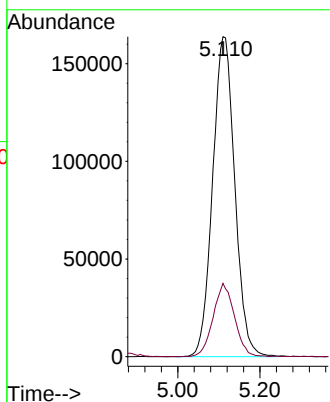
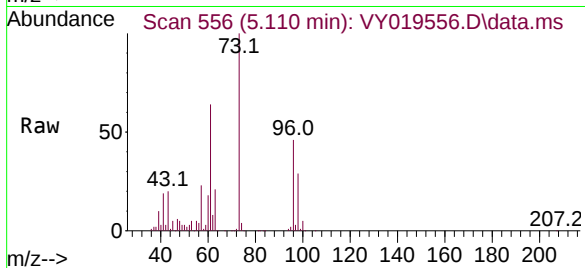




#19  
Methyl tert-butyl Ether  
Concen: 52.225 ug/l  
RT: 5.110 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

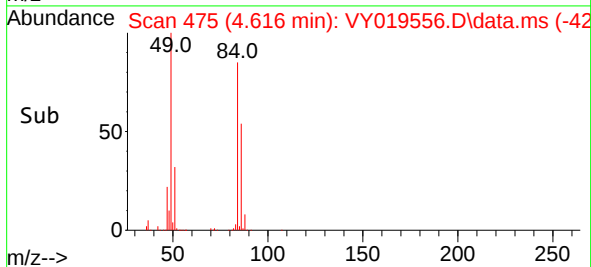
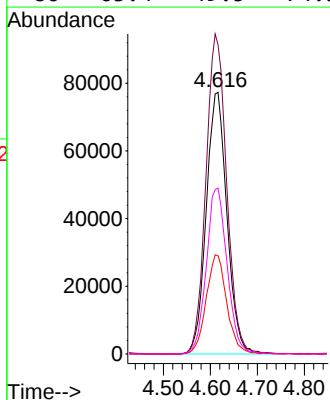
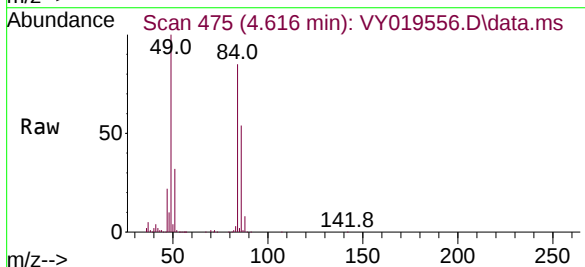
Instrument :  
MSVOA\_Y  
ClientSampleId :

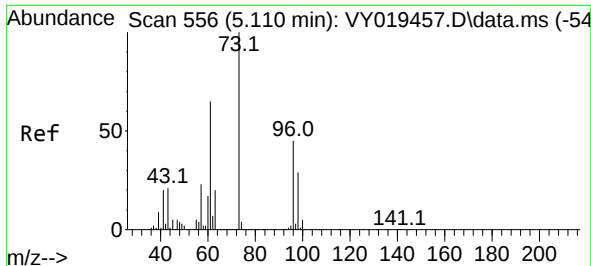
Tgt Ion: 73 Resp: 613026  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.3 25.9



#20  
Methylene Chloride  
Concen: 50.311 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 84 Resp: 236439  
Ion Ratio Lower Upper  
84 100  
49 118.2 84.4 126.6  
51 37.6 26.0 39.0  
86 63.4 49.5 74.3

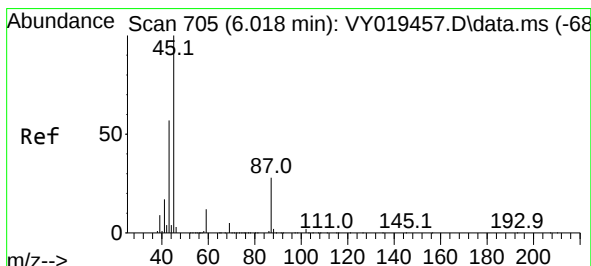
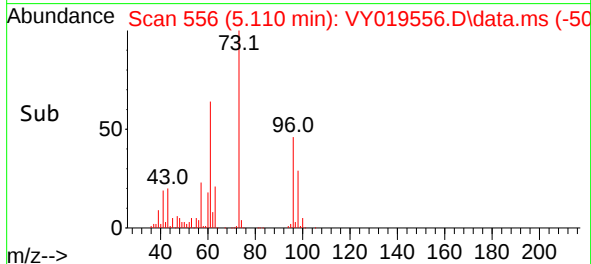
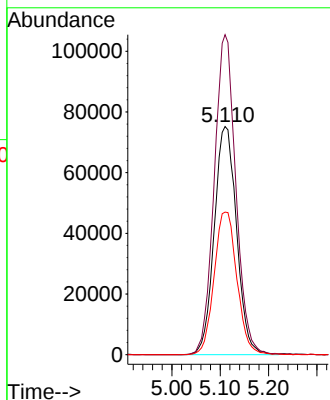
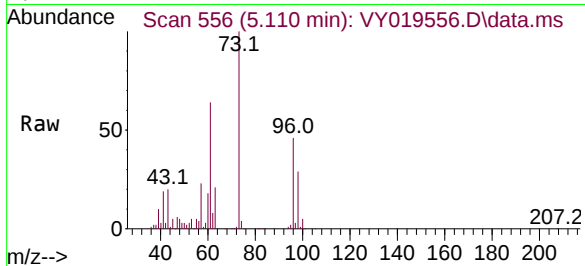




#21  
trans-1,2-Dichloroethene  
Concen: 53.135 ug/l  
RT: 5.110 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

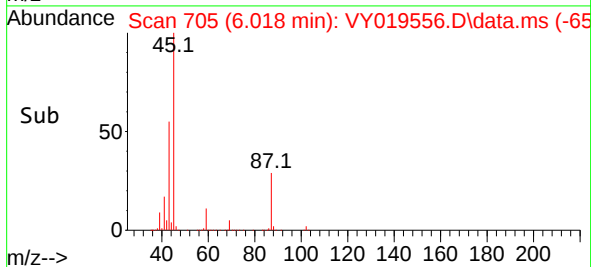
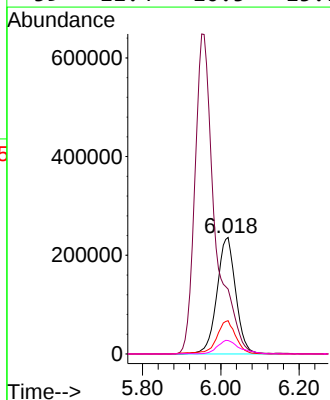
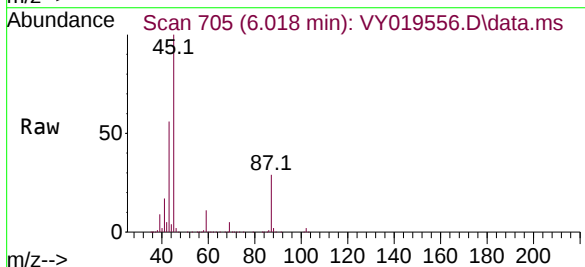
Instrument :  
MSVOA\_Y  
ClientSampleId :

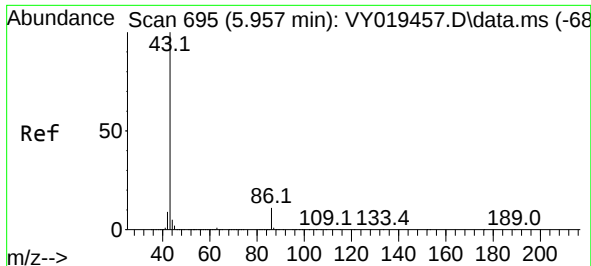
Tgt Ion: 96 Resp: 241378  
Ion Ratio Lower Upper  
96 100  
61 140.3 97.5 146.3  
98 62.5 50.5 75.7



#22  
Diisopropyl ether  
Concen: 51.537 ug/l  
RT: 6.018 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 45 Resp: 786582  
Ion Ratio Lower Upper  
45 100  
43 54.9 42.2 63.2  
87 28.5 25.0 37.6  
59 11.4 10.5 15.7

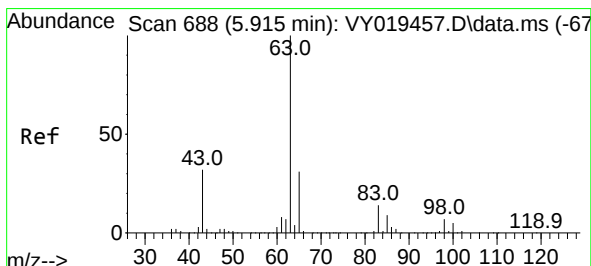
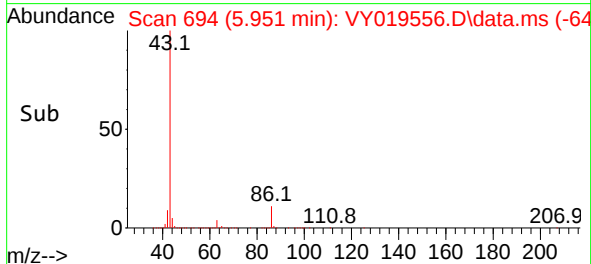
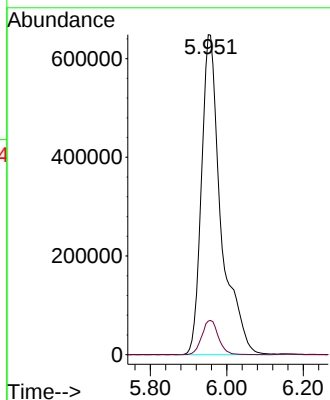
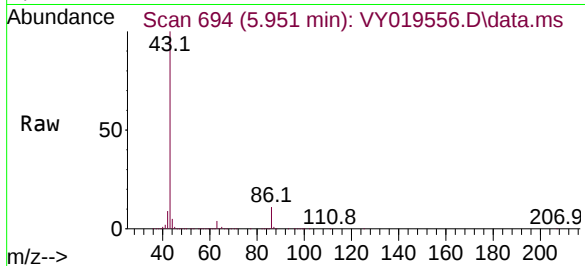




#23  
 Vinyl Acetate  
 Concen: 263.934 ug/l  
 RT: 5.951 min Scan# 64  
 Delta R.T. -0.006 min  
 Lab File: VY019556.D  
 Acq: 16 Sep 2024 09:40

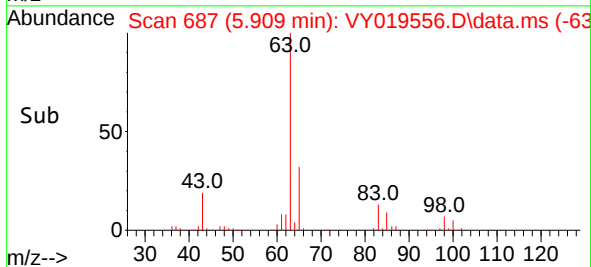
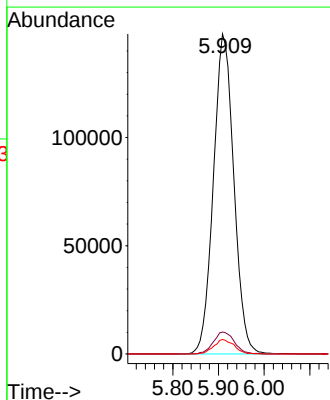
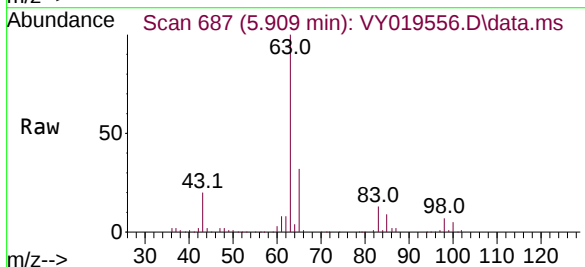
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

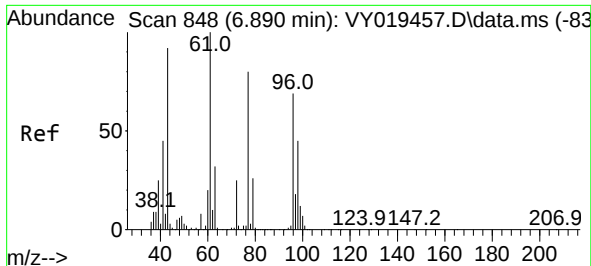
Tgt Ion: 43 Resp: 2300890  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 10.6 16.0#



#24  
 1,1-Dichloroethane  
 Concen: 53.712 ug/l  
 RT: 5.909 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY019556.D  
 Acq: 16 Sep 2024 09:40

Tgt Ion: 63 Resp: 460006  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 4.0 12.2  
 100 4.5 2.6 8.0

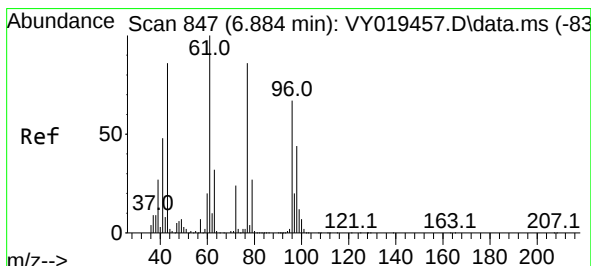
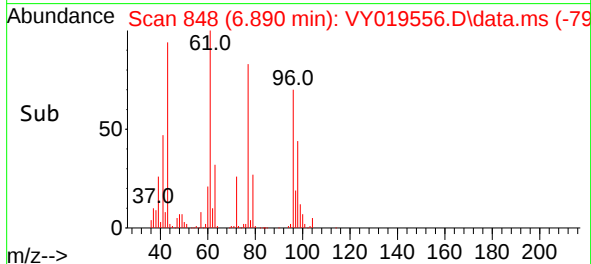
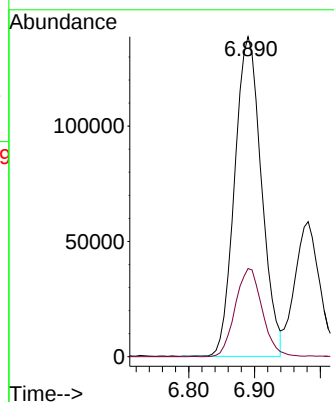
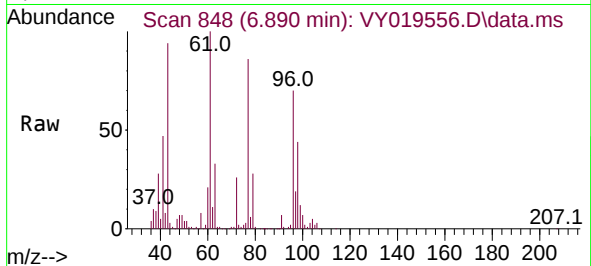




#25  
2-Butanone  
Concen: 267.601 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

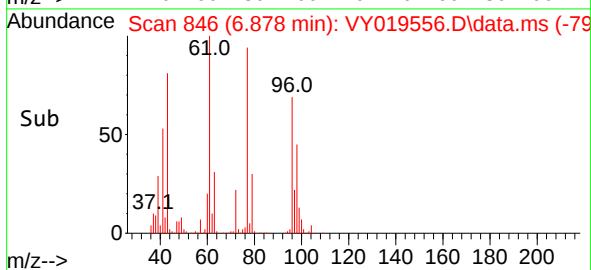
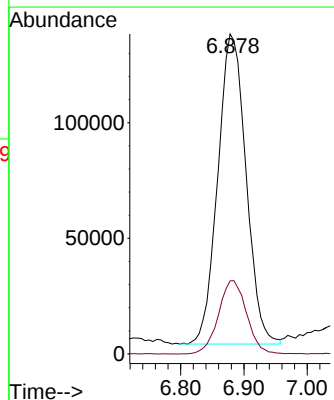
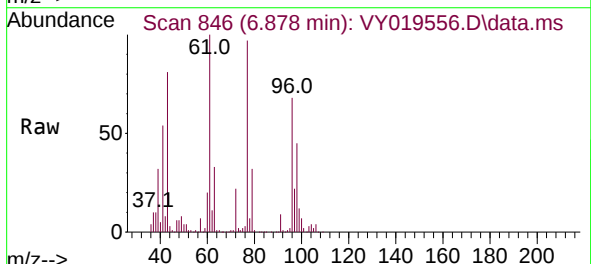
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 43 Resp: 392203  
Ion Ratio Lower Upper  
43 100  
72 27.6 27.3 40.9



#26  
2,2-Dichloropropane  
Concen: 53.718 ug/l  
RT: 6.878 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

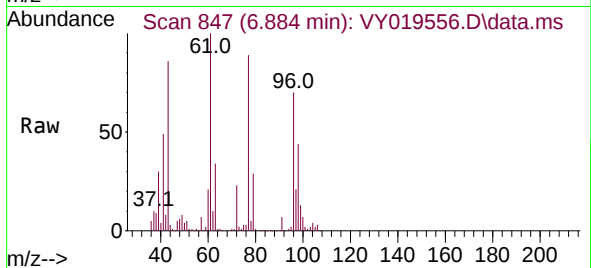
Tgt Ion: 77 Resp: 414991  
Ion Ratio Lower Upper  
77 100  
97 23.6 12.0 36.1





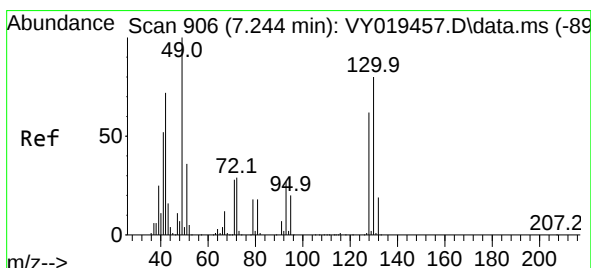
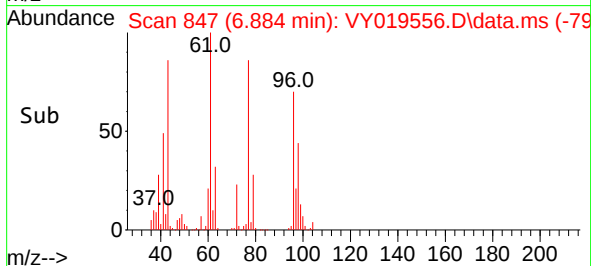
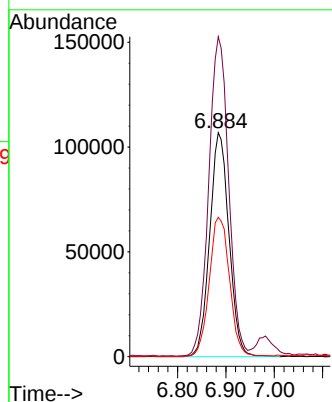
#27  
 cis-1,2-Dichloroethene  
 Concen: 53.496 ug/l  
 RT: 6.884 min Scan# 848  
 Delta R.T. -0.006 min  
 Lab File: VY019556.D  
 Acq: 16 Sep 2024 09:40

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 295198  

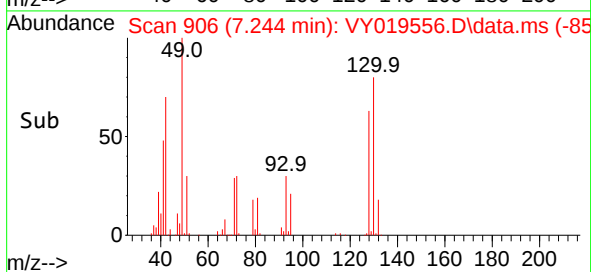
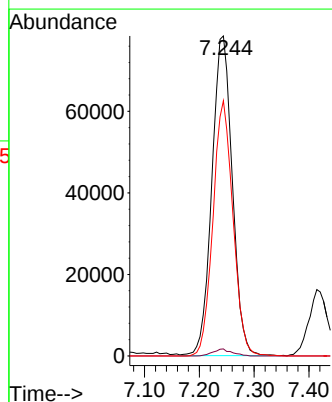
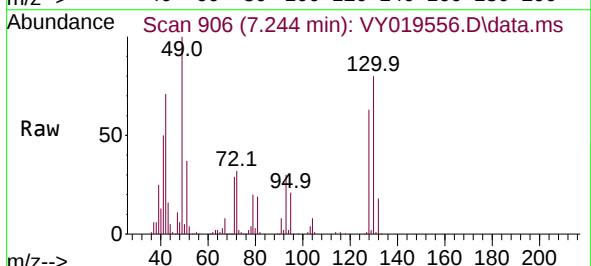
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 147.0 | 0.0   | 256.2 |
| 98  | 65.7  | 0.0   | 130.0 |



#28  
 Bromochloromethane  
 Concen: 56.289 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. 0.000 min  
 Lab File: VY019556.D  
 Acq: 16 Sep 2024 09:40

Tgt Ion: 49 Resp: 202836  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.0   | 0.0   | 4.6   |
| 130 | 78.1  | 72.7  | 109.1 |





#29

Tetrahydrofuran

Concen: 244.843 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

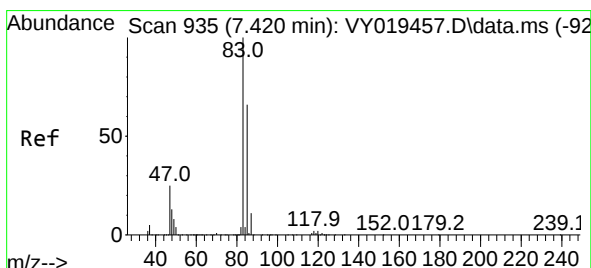
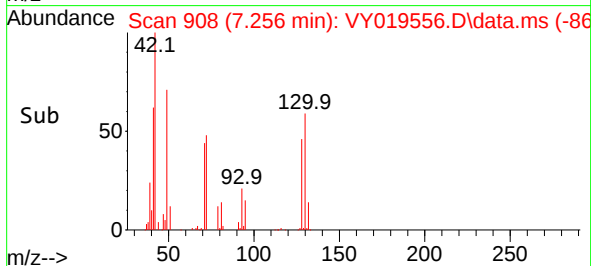
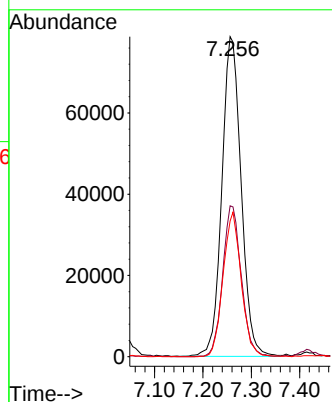
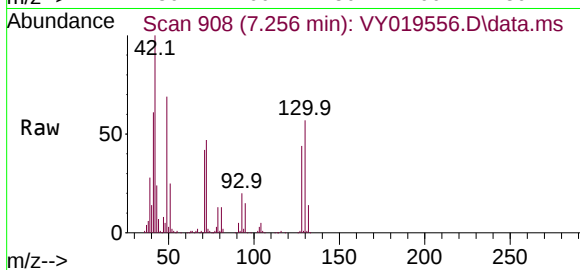
Tgt Ion: 42 Resp: 218185

Ion Ratio Lower Upper

42 100

72 45.6 43.0 64.4

71 42.6 40.8 61.2



#30

Chloroform

Concen: 54.367 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019556.D

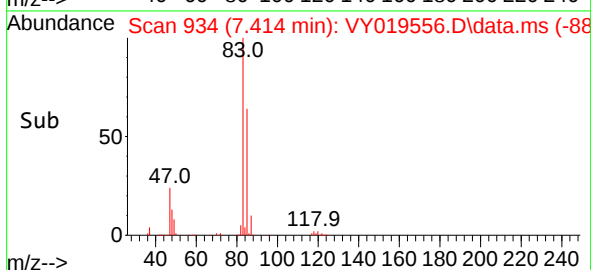
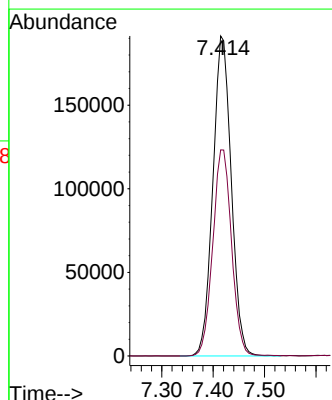
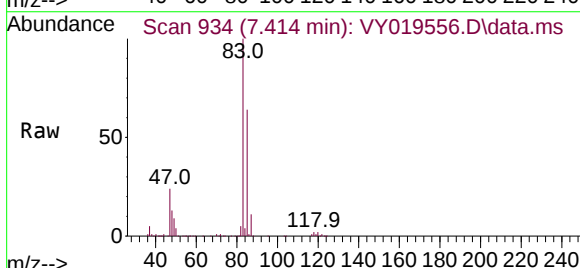
Acq: 16 Sep 2024 09:40

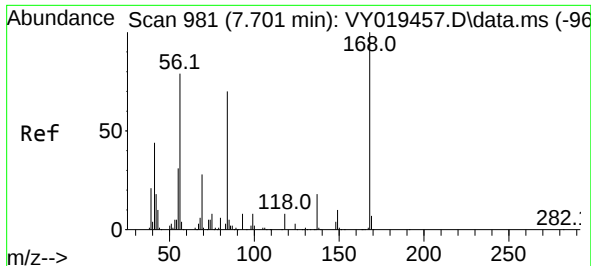
Tgt Ion: 83 Resp: 475319

Ion Ratio Lower Upper

83 100

85 64.4 52.2 78.4

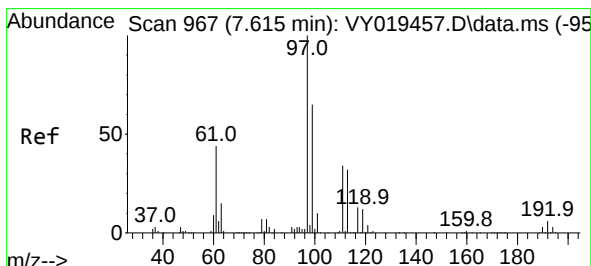
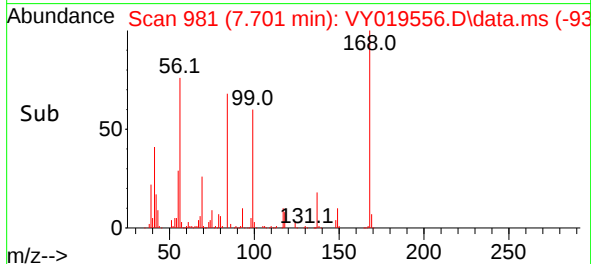
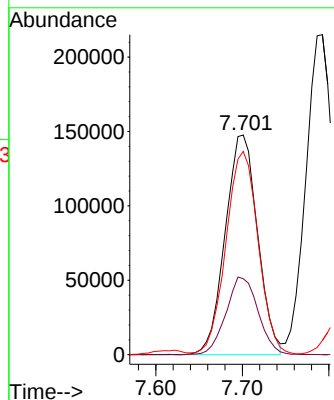
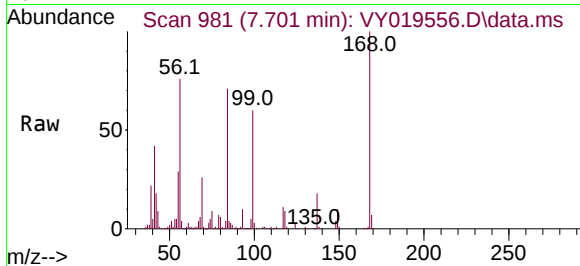




#31  
Cyclohexane  
Concen: 49.491 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

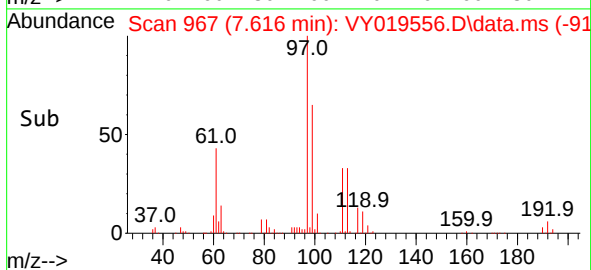
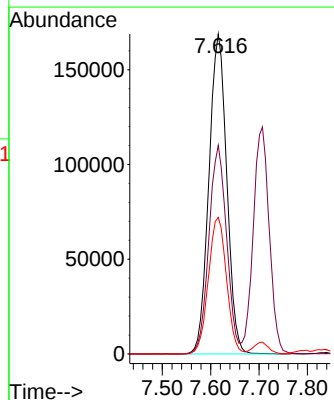
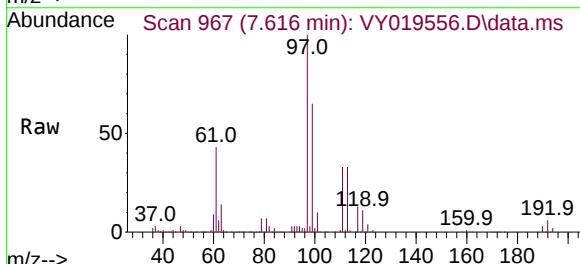
Instrument :  
MSVOA\_Y  
ClientSampleId :

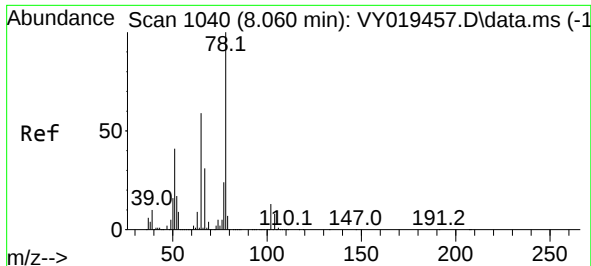
Tgt Ion: 56 Resp: 383121  
Ion Ratio Lower Upper  
56 100  
69 34.6 28.7 43.1  
84 90.9 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 55.239 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 97 Resp: 432875  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.3 75.5  
61 43.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.590 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

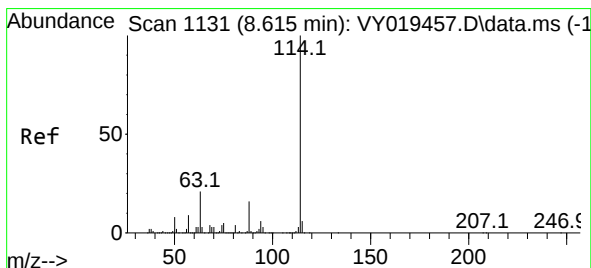
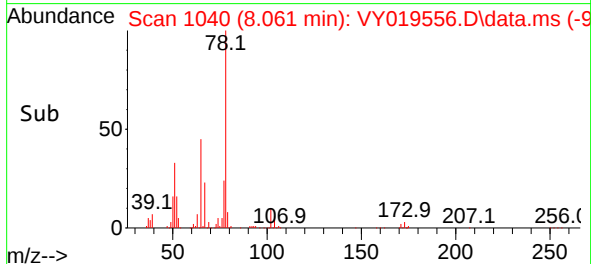
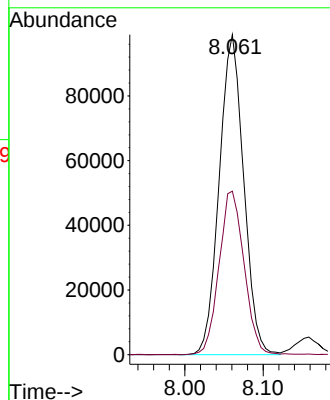
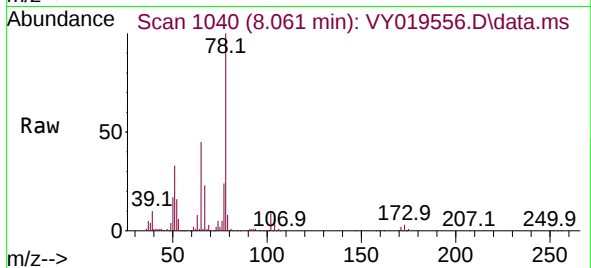
ClientSampleId :

Tgt Ion: 65 Resp: 214501

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

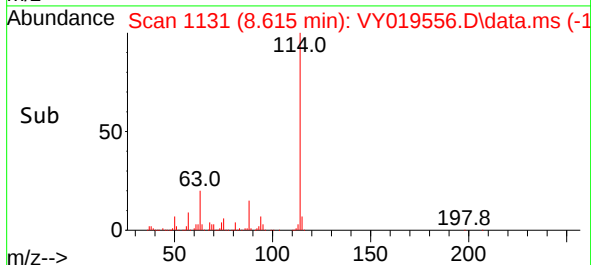
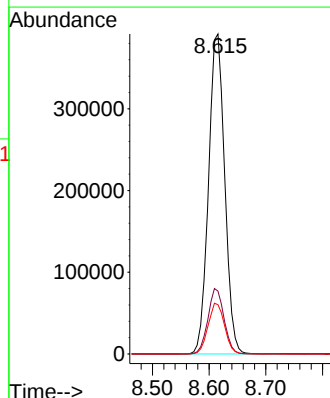
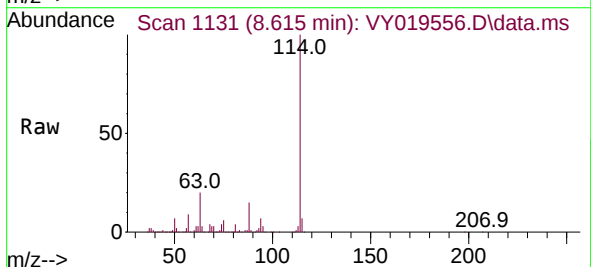
Tgt Ion: 114 Resp: 776961

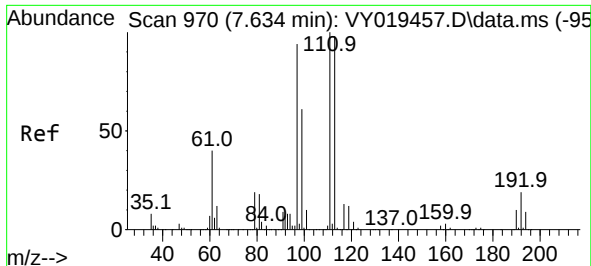
Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

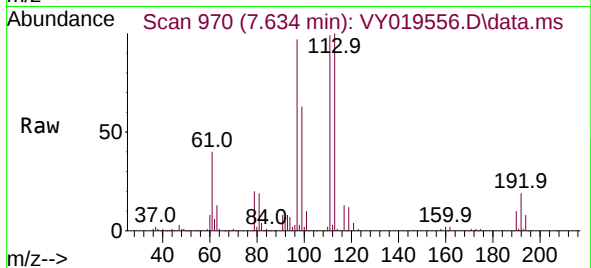
88 15.4 0.0 27.2



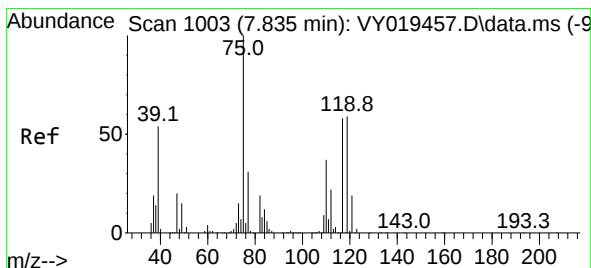
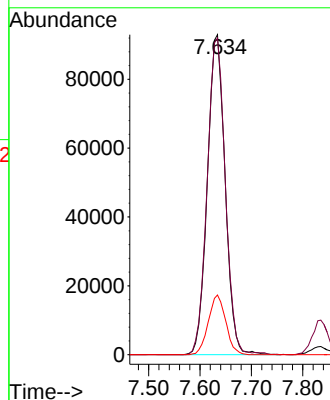
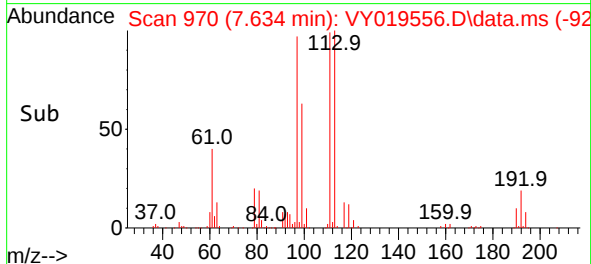


#35  
Dibromofluoromethane  
Concen: 50.504 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

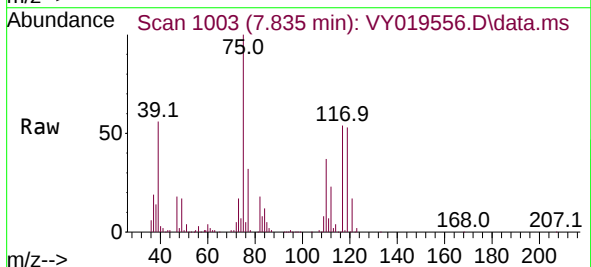
Instrument :  
MSVOA\_Y  
ClientSampleId :



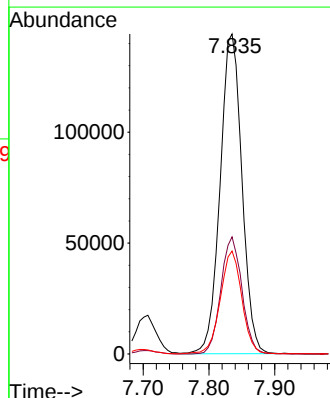
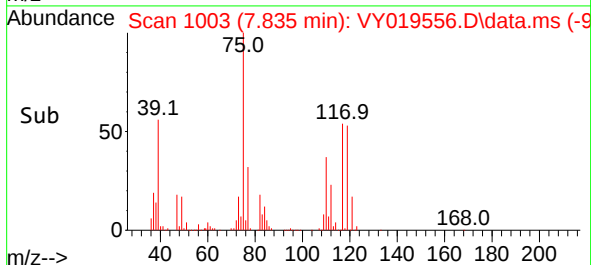
Tgt Ion:113 Resp: 222480  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.2 123.4  
192 18.3 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 55.490 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40



Tgt Ion: 75 Resp: 332618  
Ion Ratio Lower Upper  
75 100  
110 35.4 19.0 57.0  
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 51.819 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

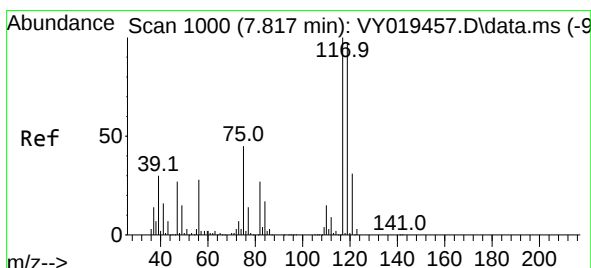
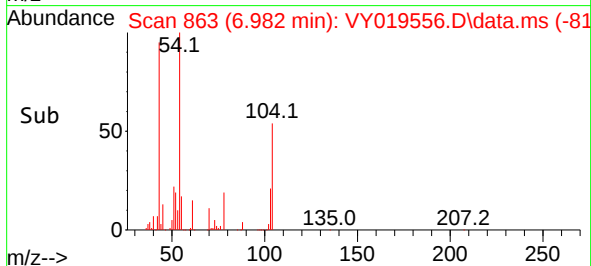
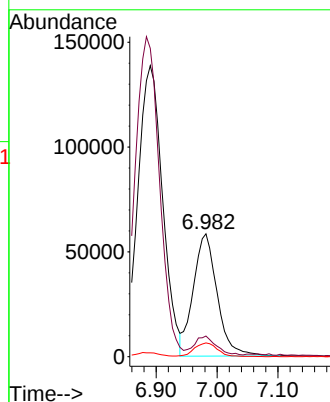
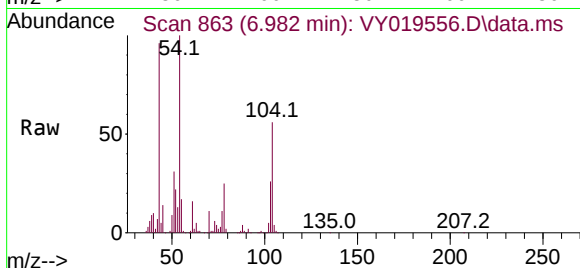
Tgt Ion: 43 Resp: 159153

Ion Ratio Lower Upper

43 100

61 14.3 12.6 19.0

70 11.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 56.136 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

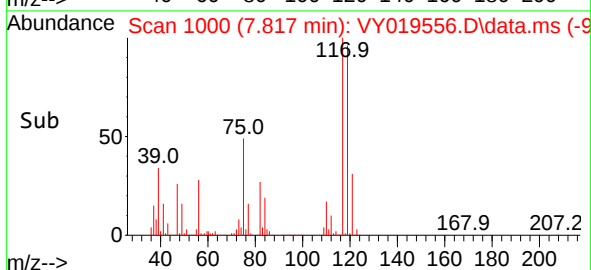
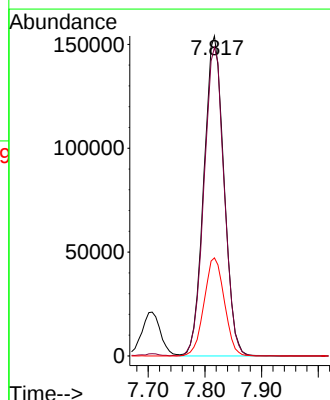
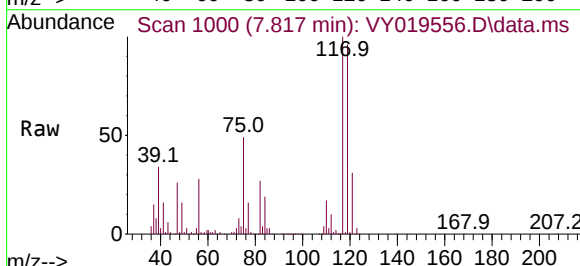
Tgt Ion: 117 Resp: 379458

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 54.716 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

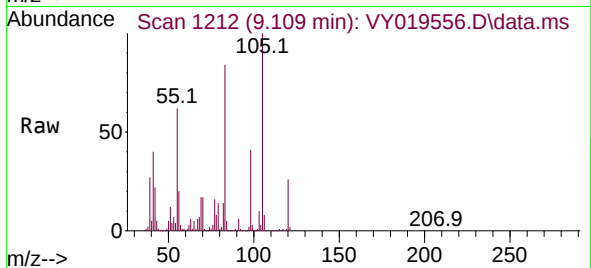
Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :



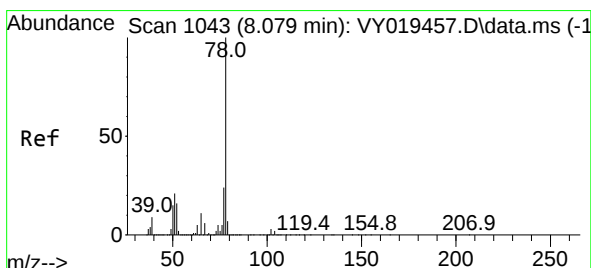
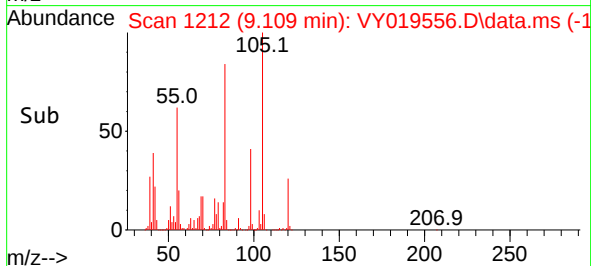
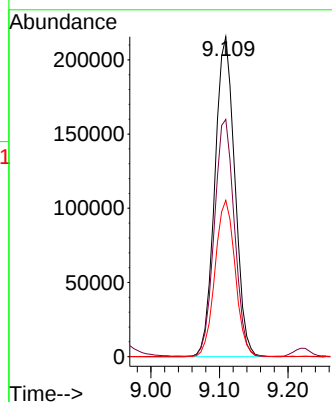
Tgt Ion: 83 Resp: 436474

Ion Ratio Lower Upper

83 100

55 74.0 51.5 77.3

98 48.9 40.5 60.7



#40

Benzene

Concen: 54.583 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019556.D

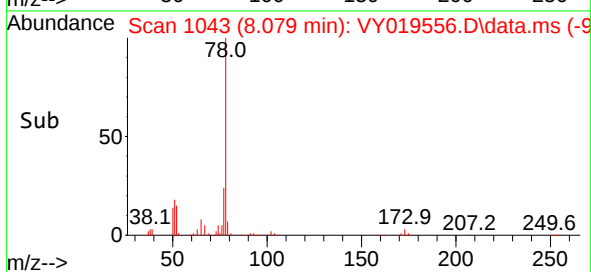
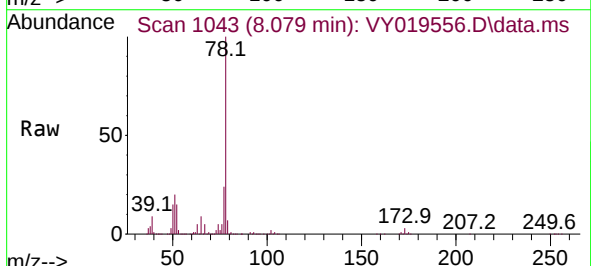
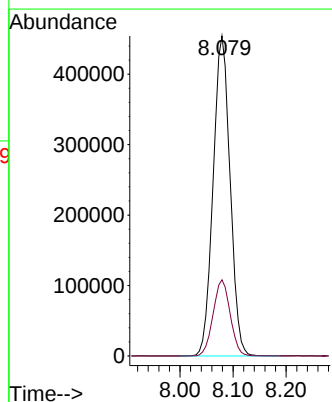
Acq: 16 Sep 2024 09:40

Tgt Ion: 78 Resp: 1007738

Ion Ratio Lower Upper

78 100

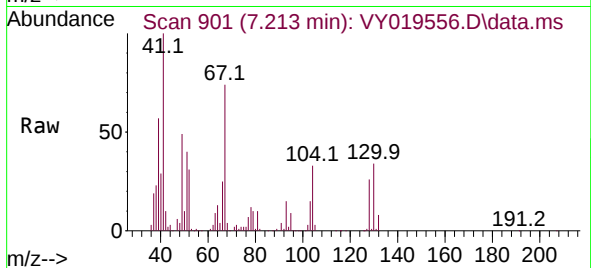
77 23.8 19.5 29.3



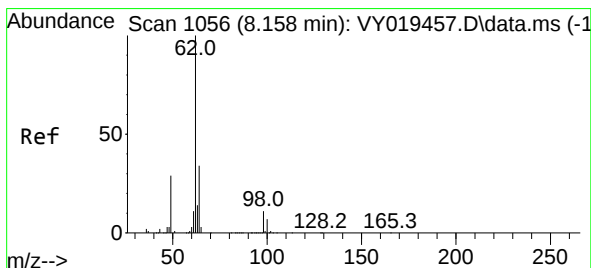
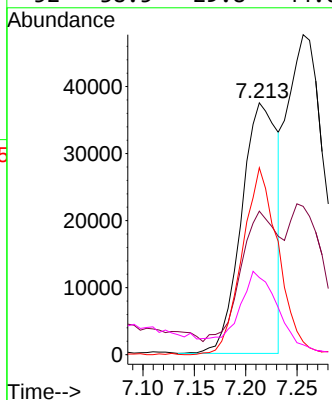
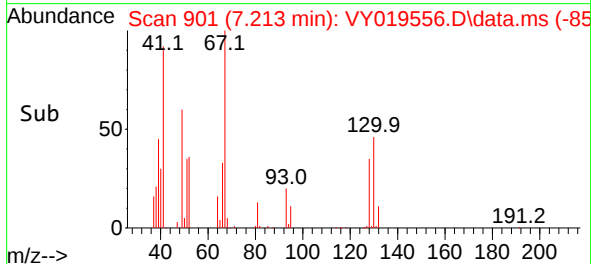


#41  
Methacrylonitrile  
Concen: 50.590 ug/l  
RT: 7.213 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Instrument :  
MSVOA\_Y  
ClientSampleId :

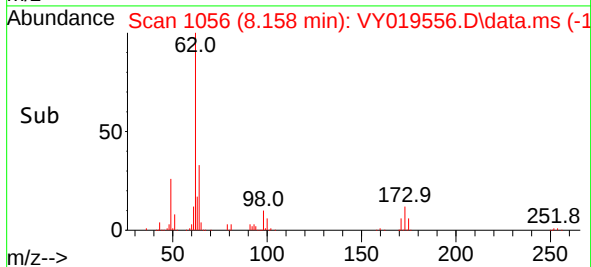
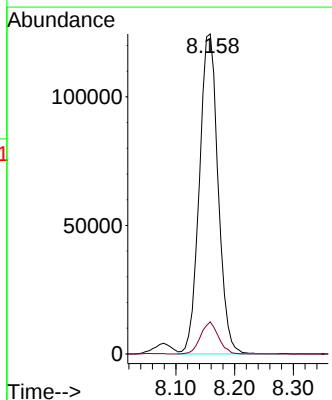
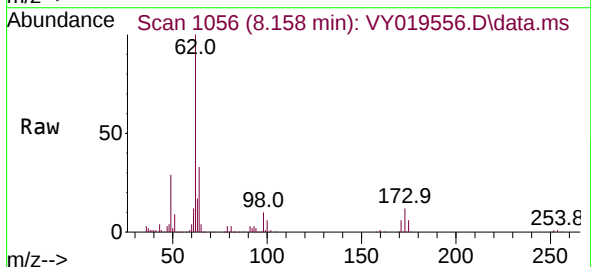


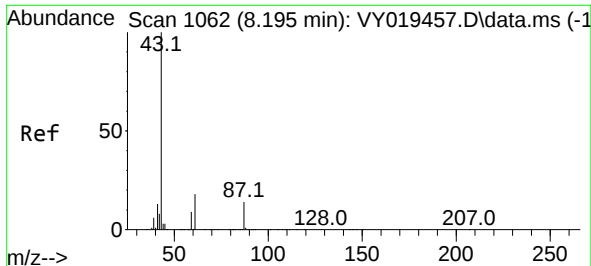
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 90573 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.2  | 48.0  | 72.0  |
| 67       | 76.2  | 75.1  | 112.7 |
| 52       | 38.5  | 29.8  | 44.6  |



#42  
1,2-Dichloroethane  
Concen: 55.445 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 275451 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.6   | 0.0   | 22.0   |

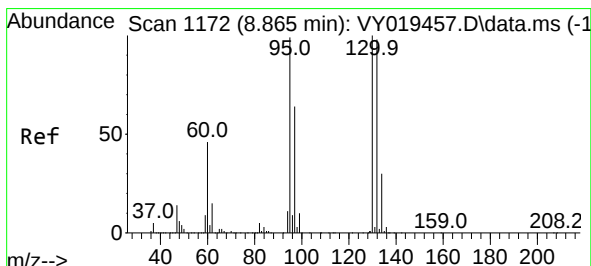
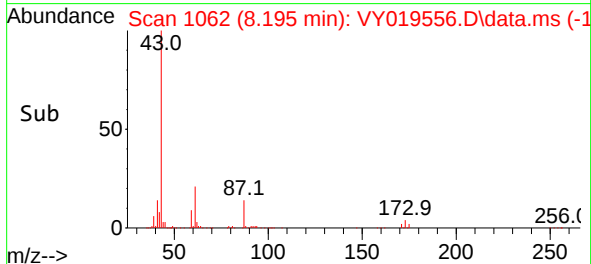
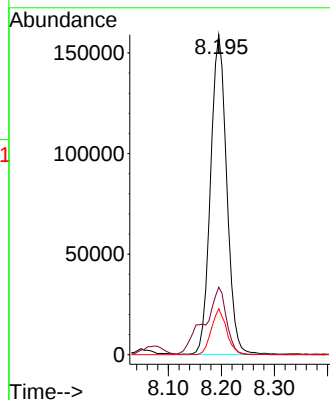
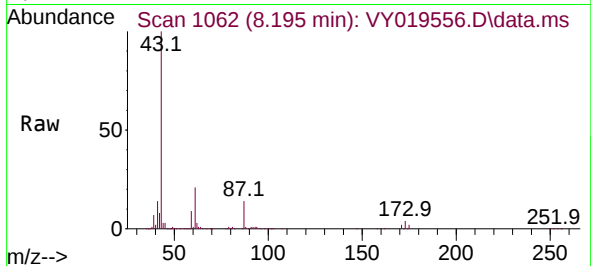




#43  
Isopropyl Acetate  
Concen: 52.133 ug/l  
RT: 8.195 min Scan# 1062  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

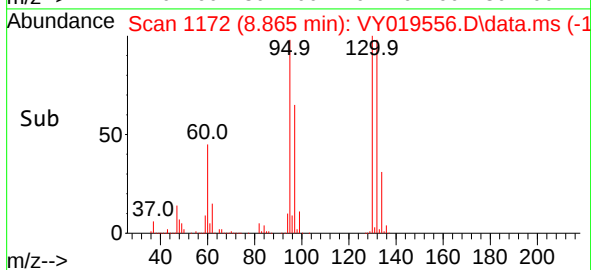
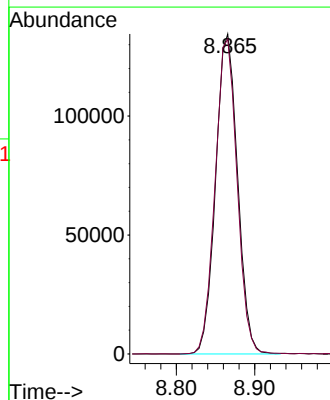
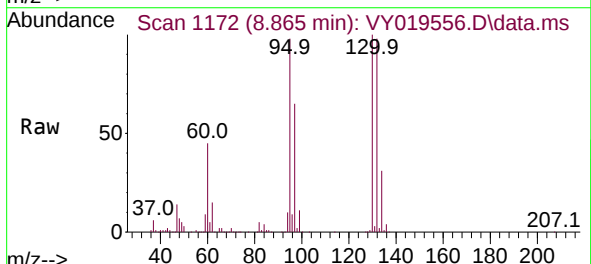
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 43 Resp: 336394  
Ion Ratio Lower Upper  
43 100  
61 28.9 27.9 41.9  
87 13.6 13.1 19.7



#44  
Trichloroethene  
Concen: 55.117 ug/l  
RT: 8.865 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion:130 Resp: 261707  
Ion Ratio Lower Upper  
130 100  
95 98.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 61.187 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

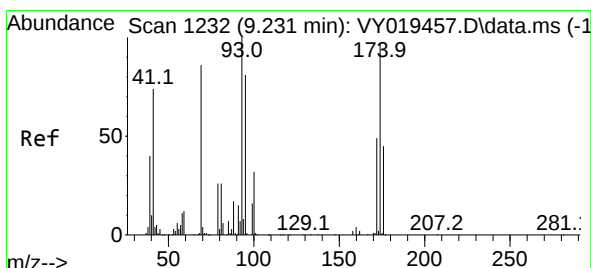
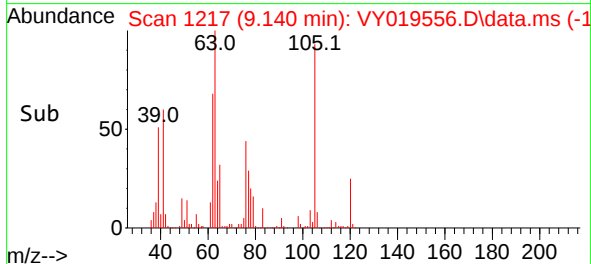
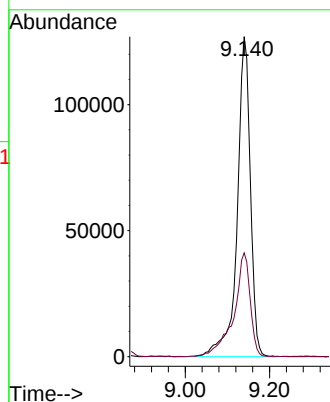
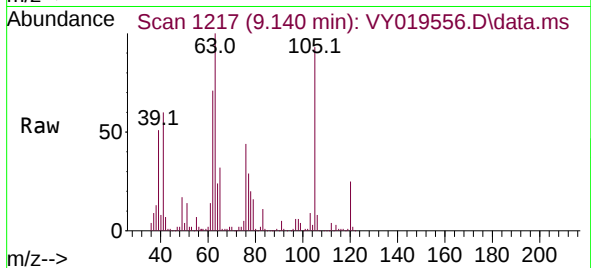
ClientSampleId :

Tgt Ion: 63 Resp: 276177

Ion Ratio Lower Upper

63 100

65 32.4 25.4 38.2



#46

Dibromomethane

Concen: 54.901 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

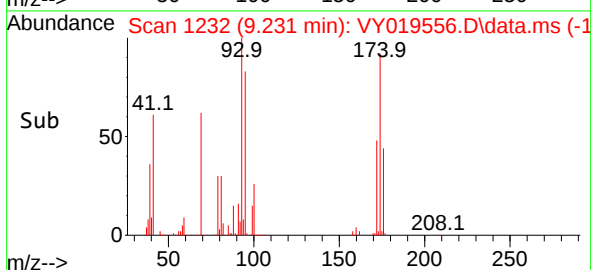
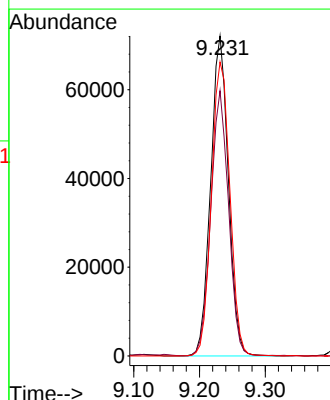
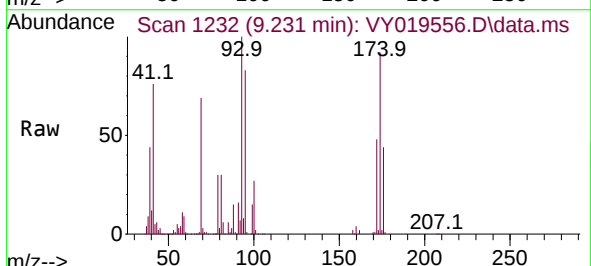
Tgt Ion: 93 Resp: 135511

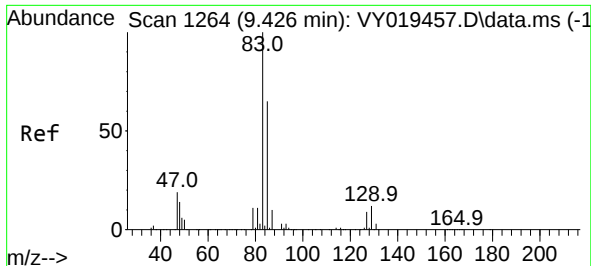
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 95.6 80.9 121.3

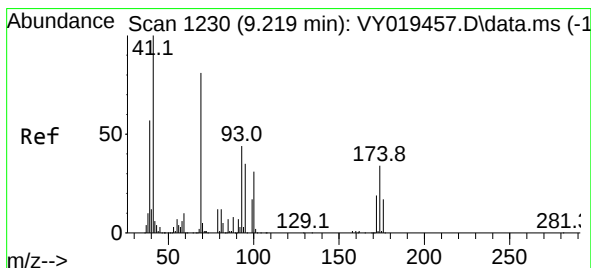
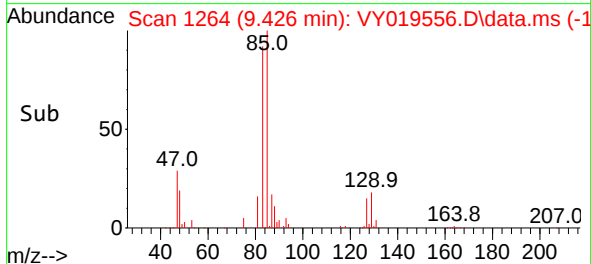
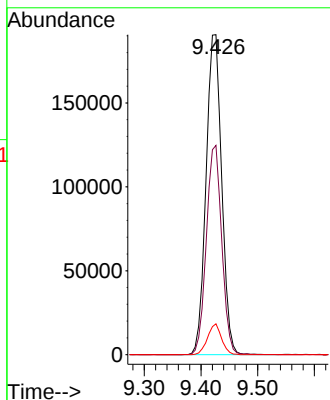
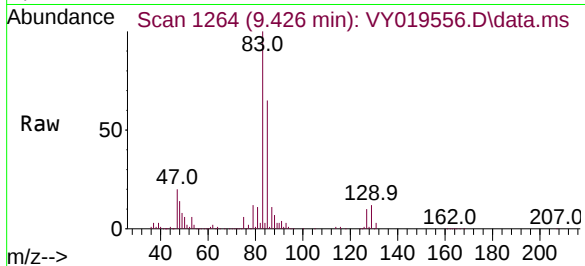




#47  
Bromodichloromethane  
Concen: 55.033 ug/l  
RT: 9.426 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

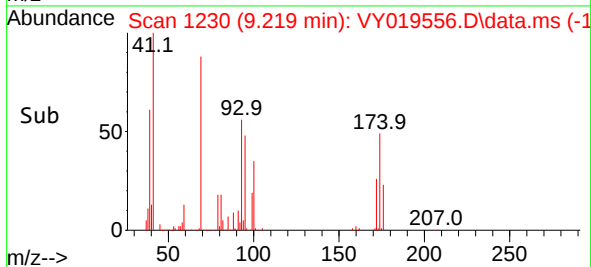
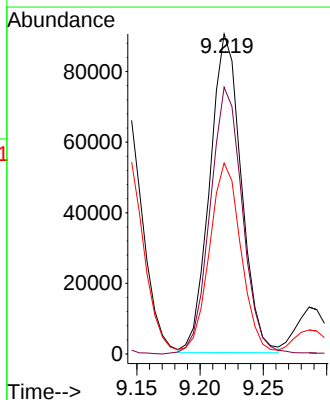
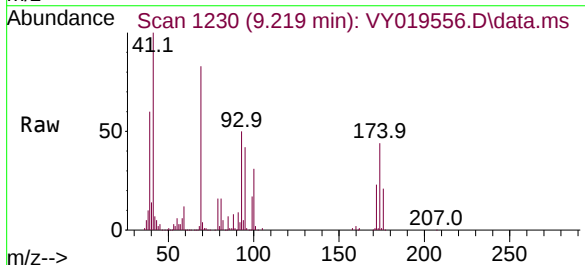
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 83 Resp: 365139  
Ion Ratio Lower Upper  
83 100  
85 65.4 50.1 75.1  
127 9.7 7.4 11.0



#48  
Methyl methacrylate  
Concen: 51.291 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 41 Resp: 156290  
Ion Ratio Lower Upper  
41 100  
69 86.1 84.1 126.1  
39 57.7 43.6 65.4





#49

1,4-Dioxane

Concen: 1008.667 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

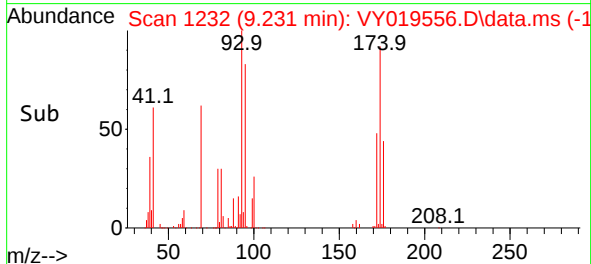
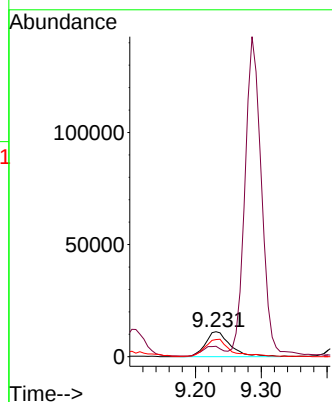
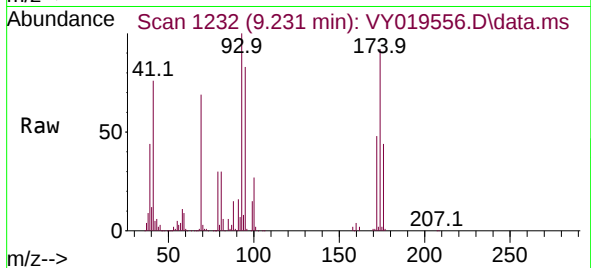
Tgt Ion: 88 Resp: 29309

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 67.6 49.3 73.9



#50

Toluene-d8

Concen: 50.128 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019556.D

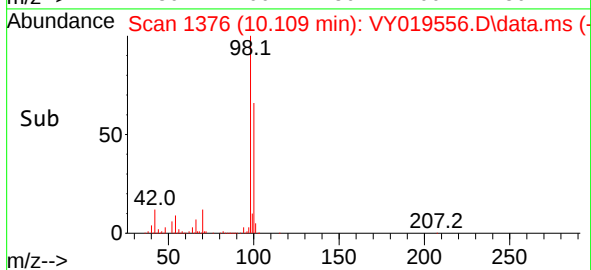
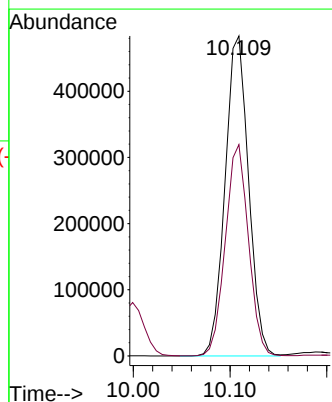
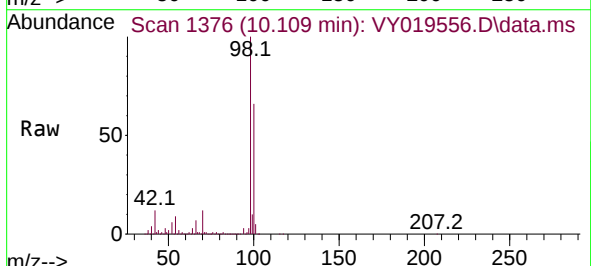
Acq: 16 Sep 2024 09:40

Tgt Ion: 98 Resp: 816782

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 255.325 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

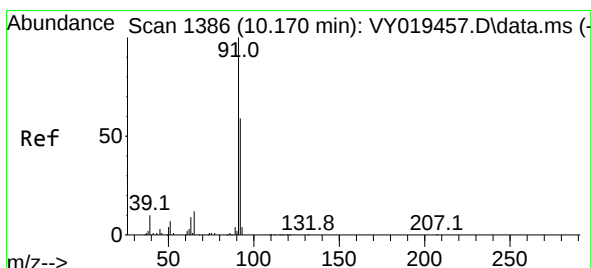
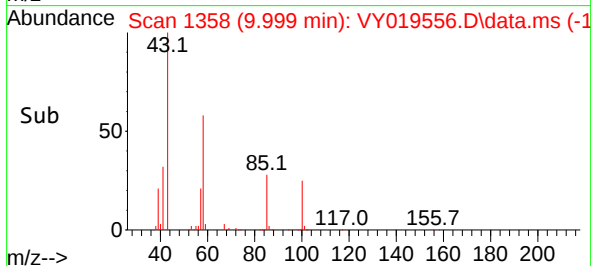
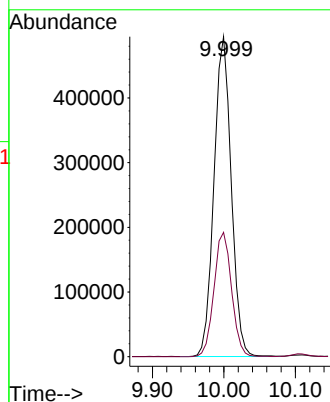
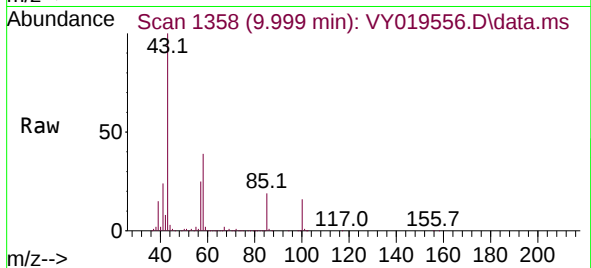
ClientSampleId :

Tgt Ion: 43 Resp: 828844

Ion Ratio Lower Upper

43 100

58 39.7 35.7 53.5



#52

Toluene

Concen: 55.118 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019556.D

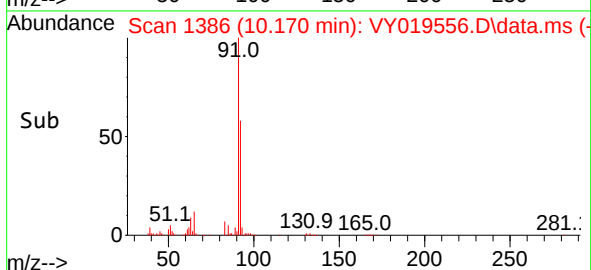
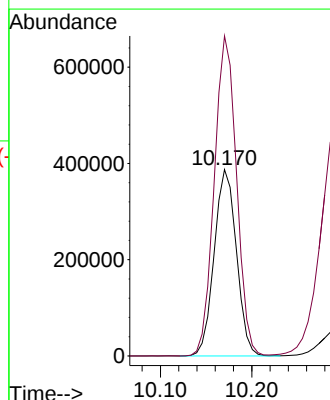
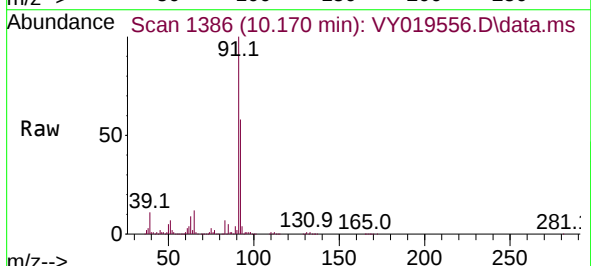
Acq: 16 Sep 2024 09:40

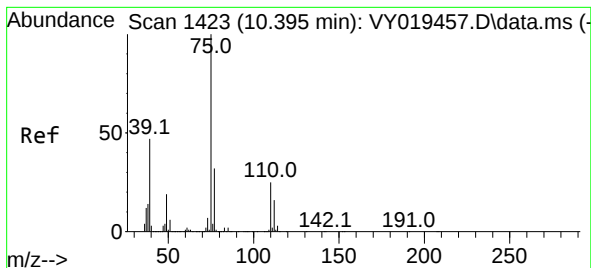
Tgt Ion: 92 Resp: 654471

Ion Ratio Lower Upper

92 100

91 171.9 139.0 208.6

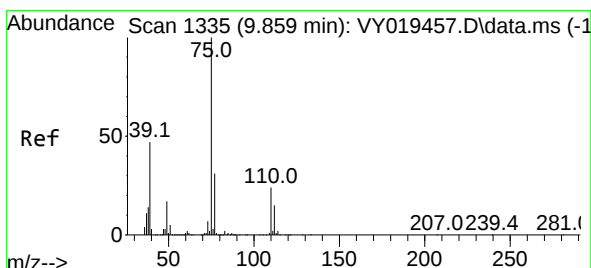
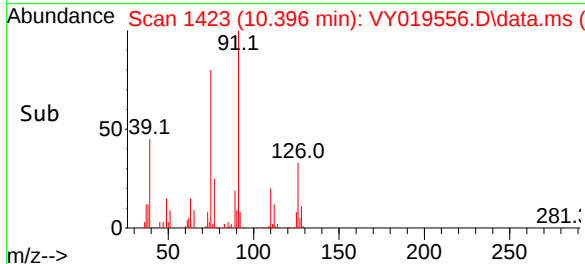
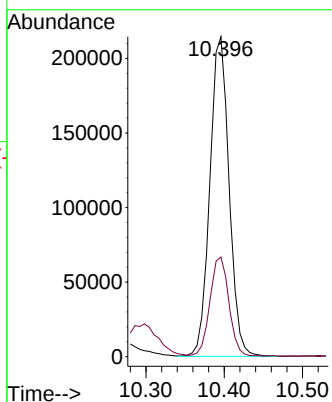
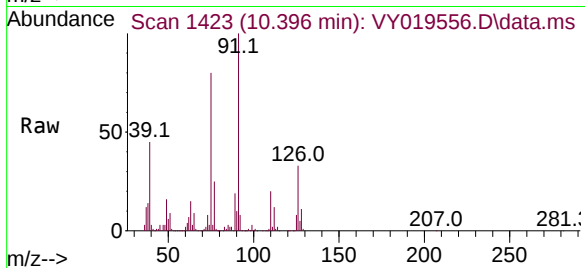




#53  
t-1,3-Dichloropropene  
Concen: 57.776 ug/l  
RT: 10.396 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

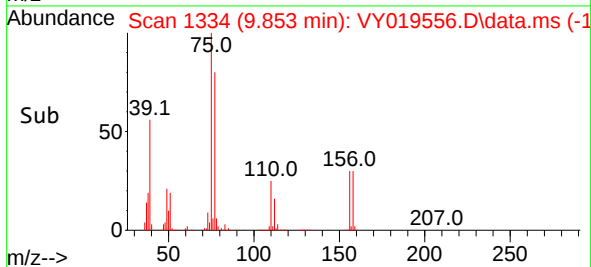
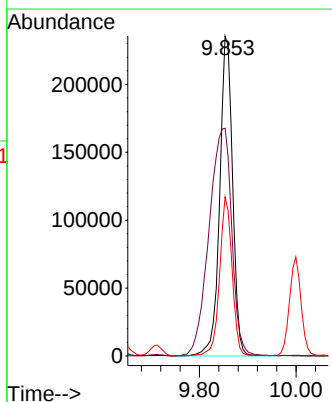
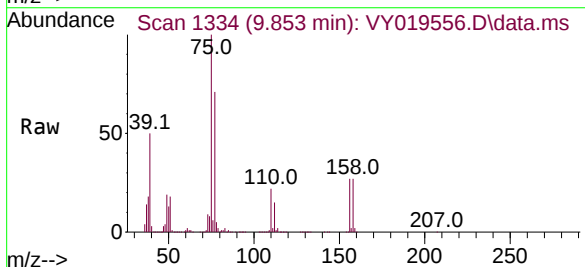
Instrument :  
MSVOA\_Y  
ClientSampleId :

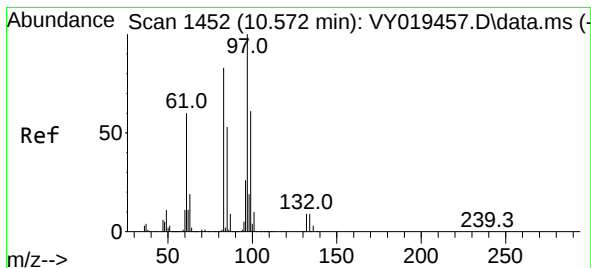
Tgt Ion: 75 Resp: 365424  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 59.372 ug/l  
RT: 9.853 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 75 Resp: 437260  
Ion Ratio Lower Upper  
75 100  
77 71.0 25.4 38.0#  
39 49.6 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 54.421 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 185500

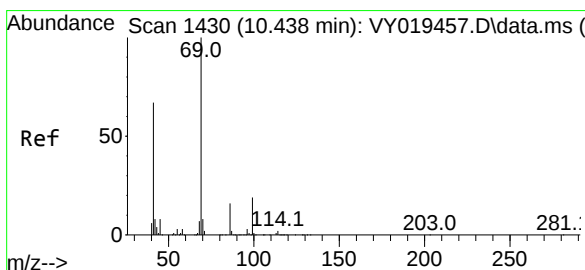
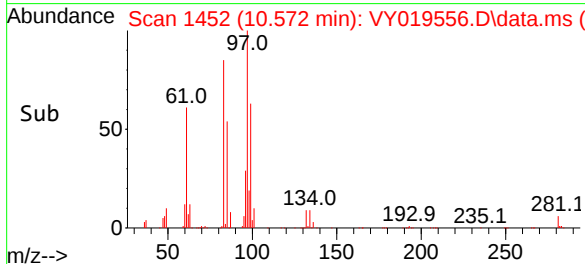
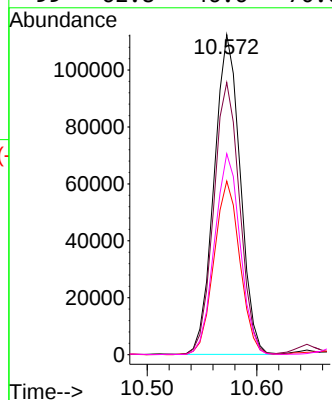
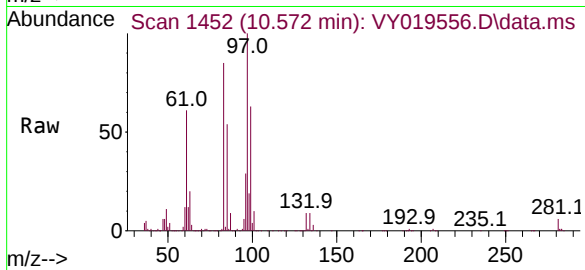
Ion Ratio Lower Upper

97 100

83 85.1 67.5 101.3

85 54.2 42.9 64.3

99 62.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.659 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

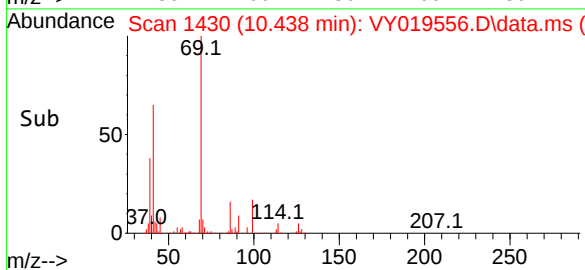
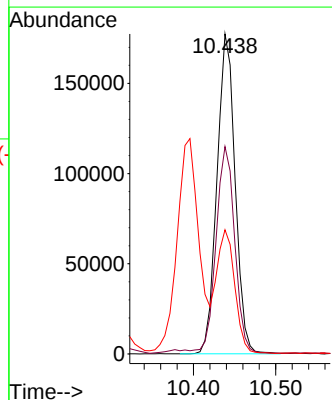
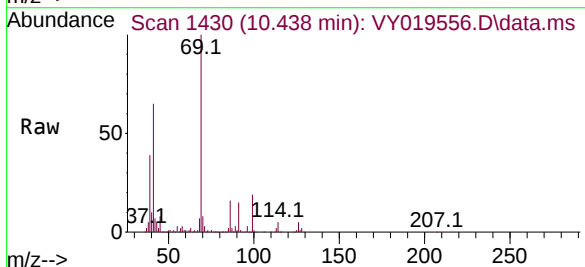
Tgt Ion: 69 Resp: 272664

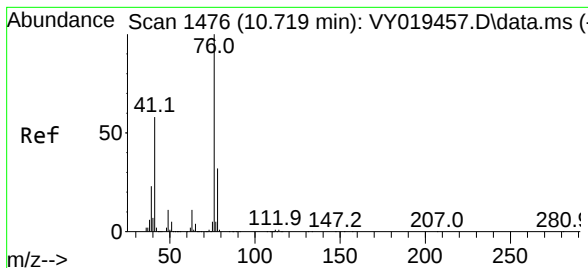
Ion Ratio Lower Upper

69 100

41 66.4 42.3 63.5#

39 38.5 22.9 34.3#

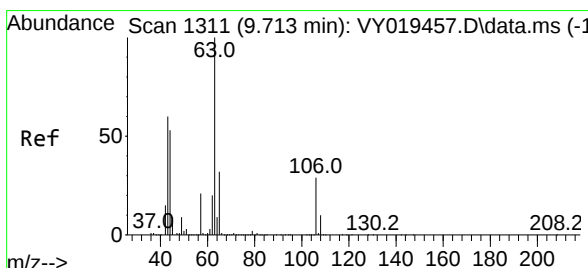
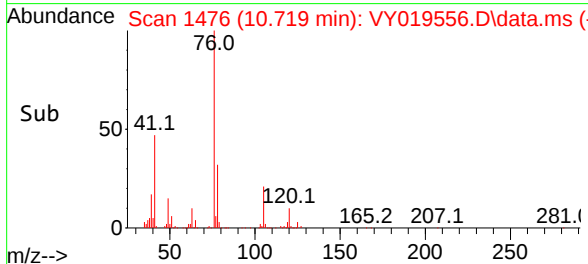
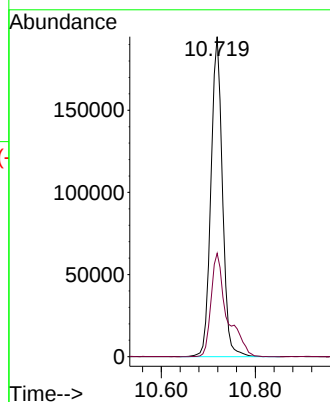
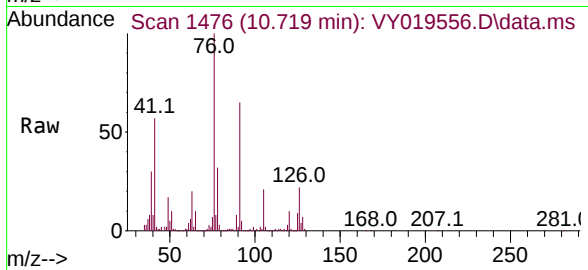




#57  
1,3-Dichloropropane  
Concen: 56.307 ug/l  
RT: 10.719 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

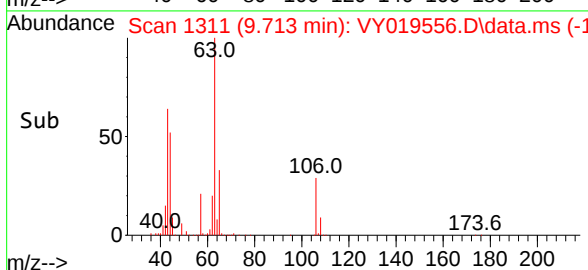
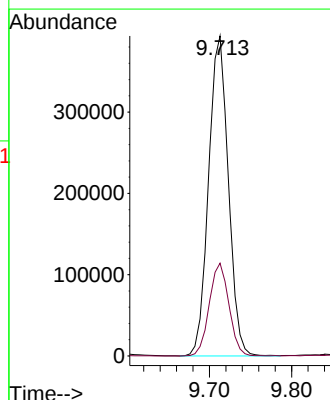
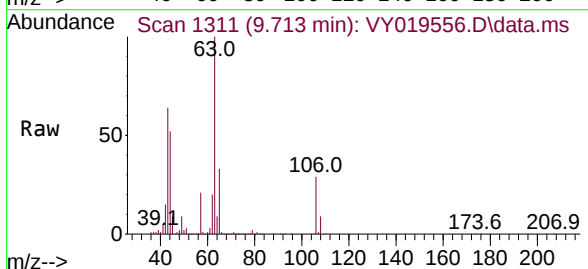
Instrument :  
MSVOA\_Y  
ClientSampleId :

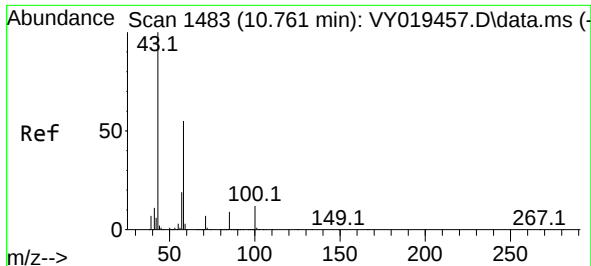
Tgt Ion: 76 Resp: 329910  
Ion Ratio Lower Upper  
76 100  
78 45.0 26.2 39.4#



#58  
2-Chloroethyl Vinyl ether  
Concen: 273.212 ug/l  
RT: 9.713 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 63 Resp: 656586  
Ion Ratio Lower Upper  
63 100  
106 28.8 23.7 35.5

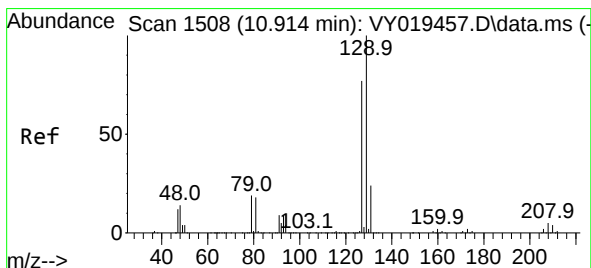
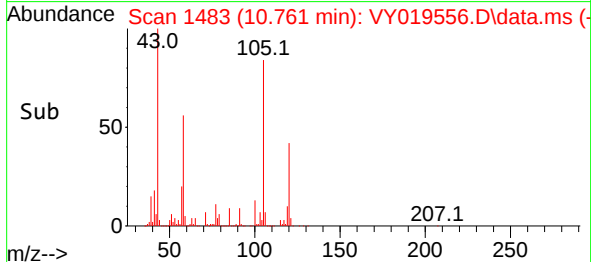
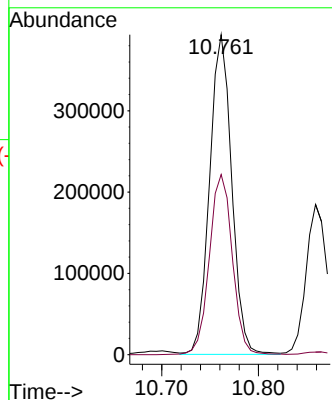
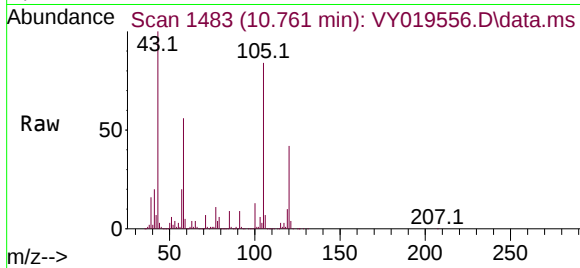




#59  
2-Hexanone  
Concen: 262.493 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

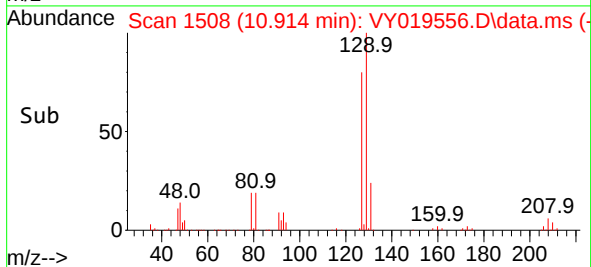
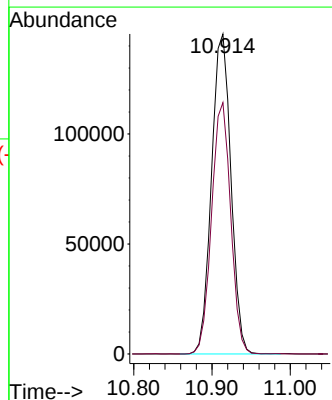
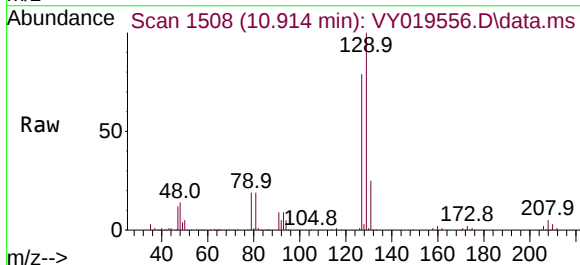
Instrument :  
MSVOA\_Y  
ClientSampleId :

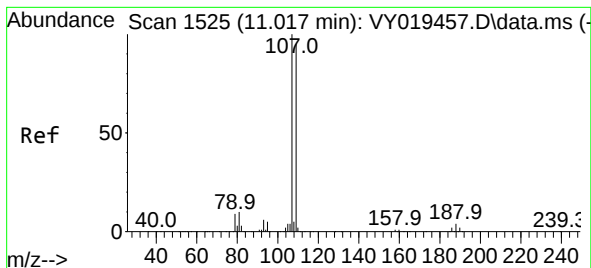
Tgt Ion: 43 Resp: 624711  
Ion Ratio Lower Upper  
43 100  
58 58.6 31.4 94.0



#60  
Dibromochloromethane  
Concen: 55.523 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 129 Resp: 250355  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.0 117.0

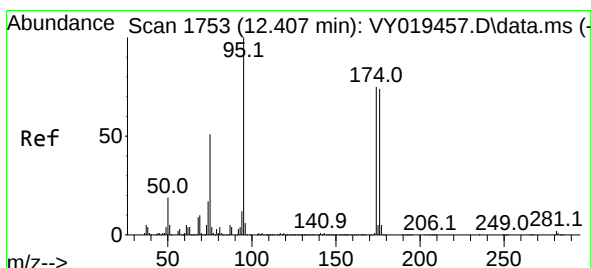
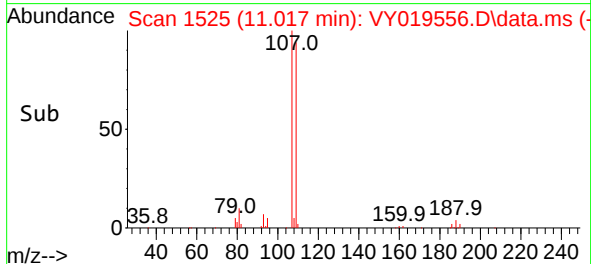
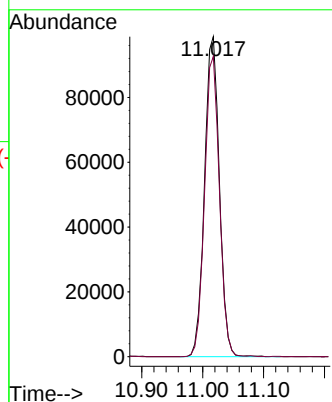
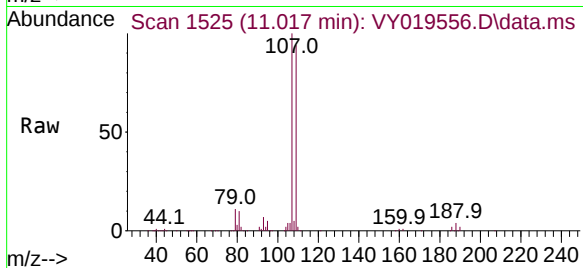




#61  
1,2-Dibromoethane  
Concen: 52.644 ug/l  
RT: 11.017 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

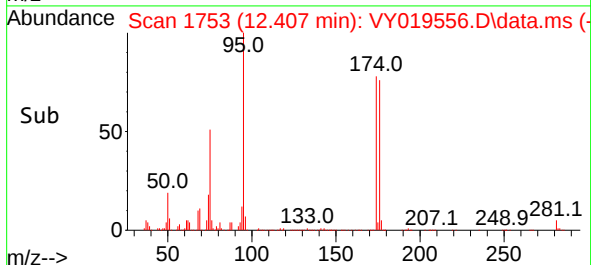
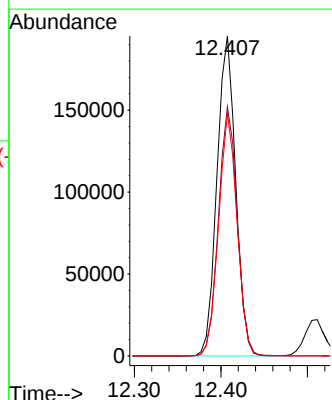
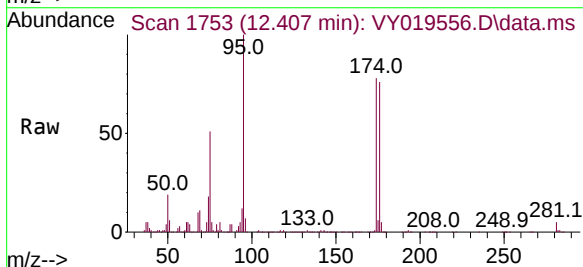
Instrument :  
MSVOA\_Y  
ClientSampleId :

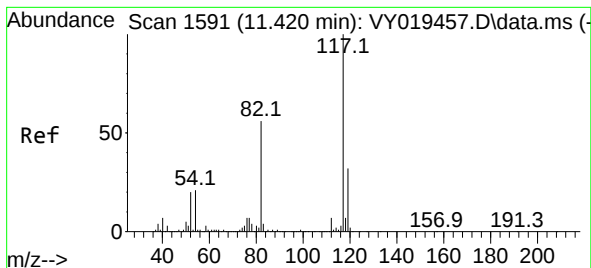
Tgt Ion:107 Resp: 167194  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 46.742 ug/l  
RT: 12.407 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 95 Resp: 292842  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 175.6  
176 74.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

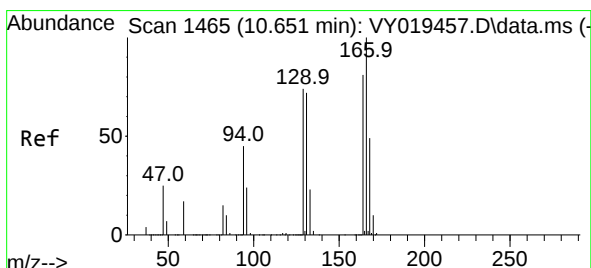
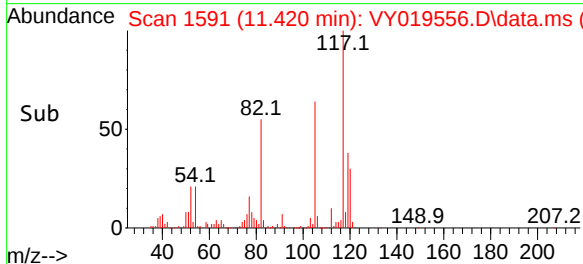
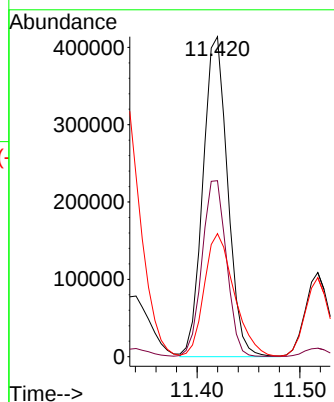
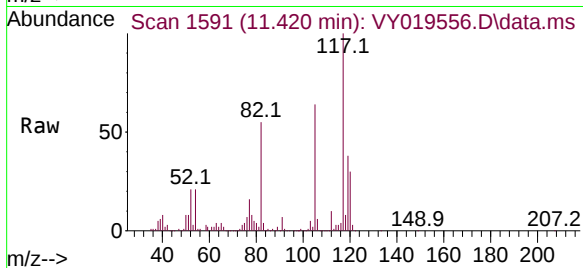
Tgt Ion:117 Resp: 691240

Ion Ratio Lower Upper

117 100

82 55.0 42.4 63.6

119 38.4 25.9 38.9



#64

Tetrachloroethene

Concen: 51.789 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Tgt Ion:164 Resp: 221685

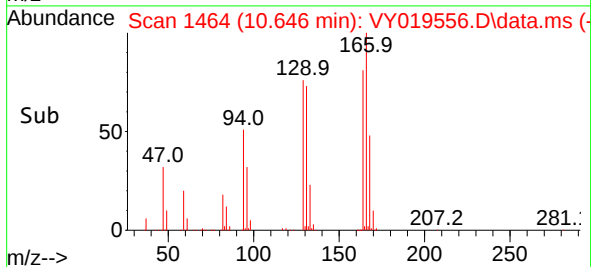
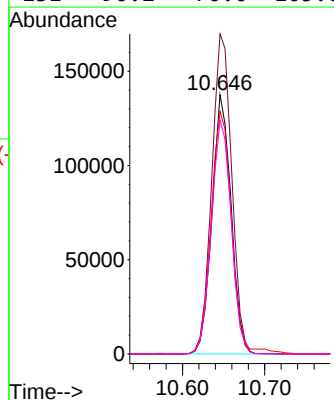
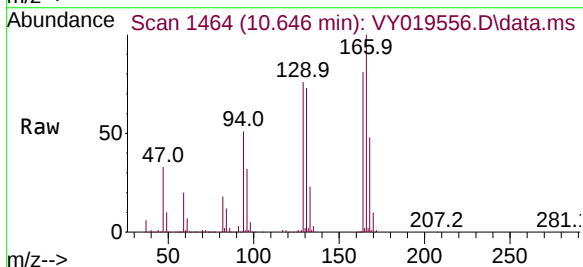
Ion Ratio Lower Upper

164 100

166 123.5 102.6 154.0

129 93.6 72.0 108.0

131 90.2 70.0 105.0

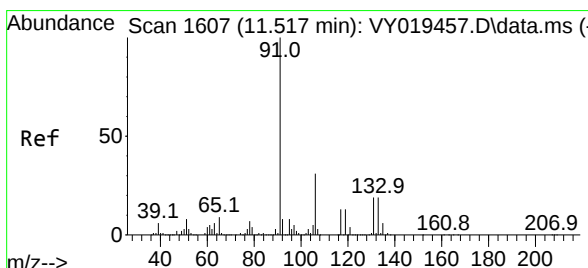
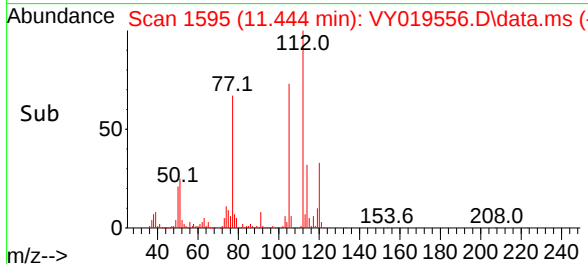
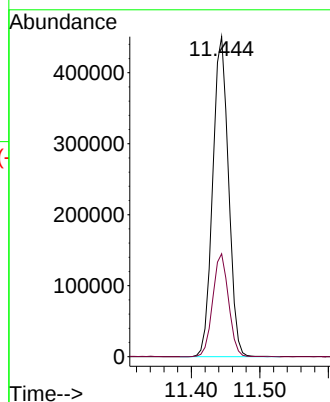
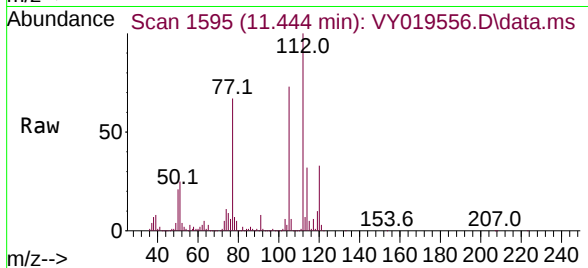




#65  
Chlorobenzene  
Concen: 52.859 ug/l  
RT: 11.444 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

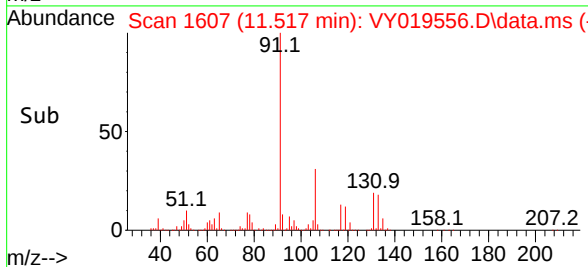
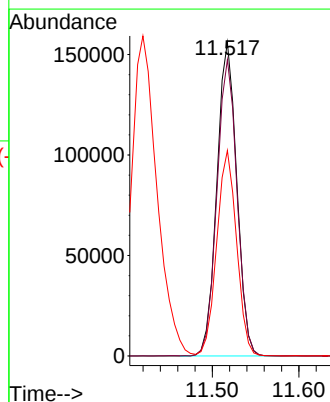
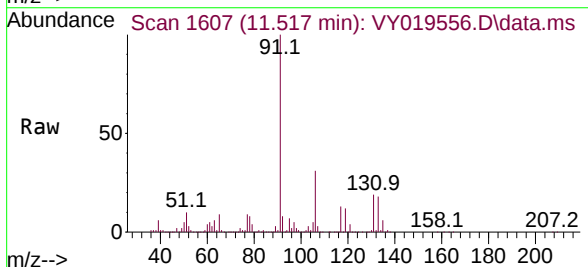
Instrument :  
MSVOA\_Y  
ClientSampleId :

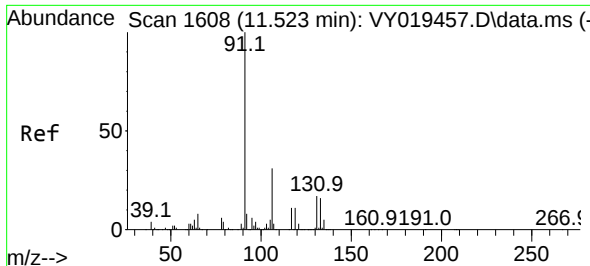
Tgt Ion:112 Resp: 718733  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.824 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion:131 Resp: 248682  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.8 143.3  
119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 53.318 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

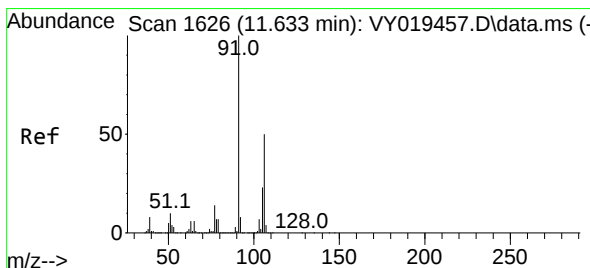
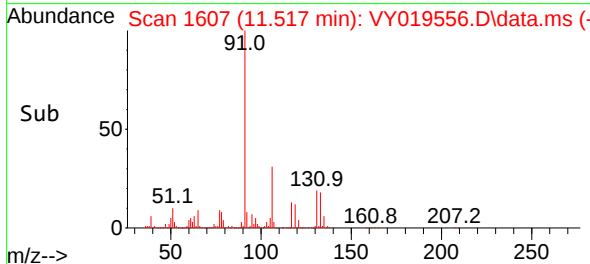
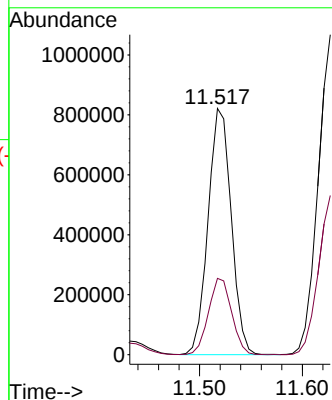
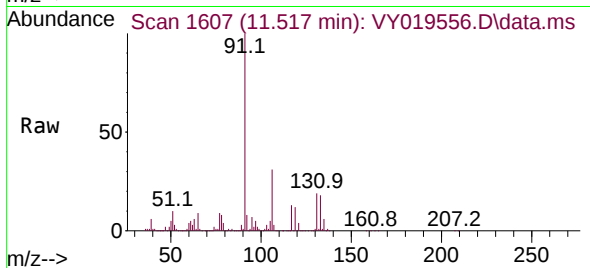
ClientSampleId :

Tgt Ion: 91 Resp: 1288152

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 106.784 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019556.D

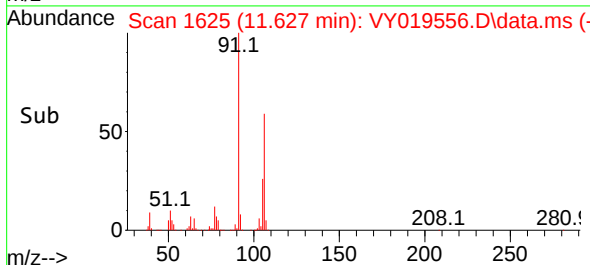
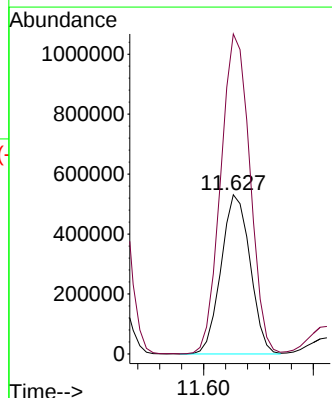
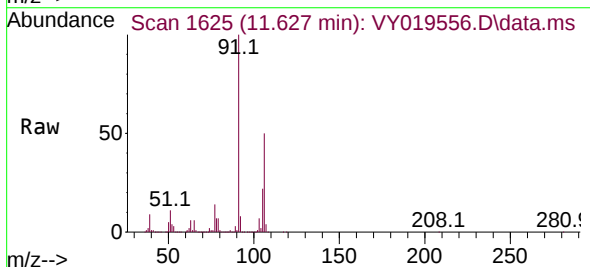
Acq: 16 Sep 2024 09:40

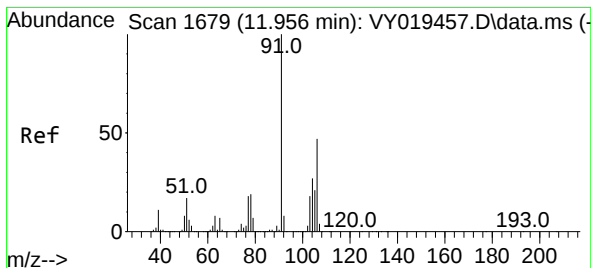
Tgt Ion:106 Resp: 975511

Ion Ratio Lower Upper

106 100

91 202.2 156.0 234.0





#69

o-Xylene

Concen: 53.091 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

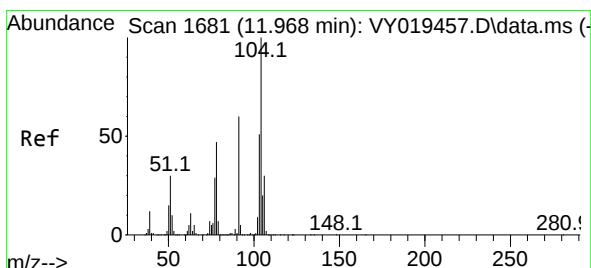
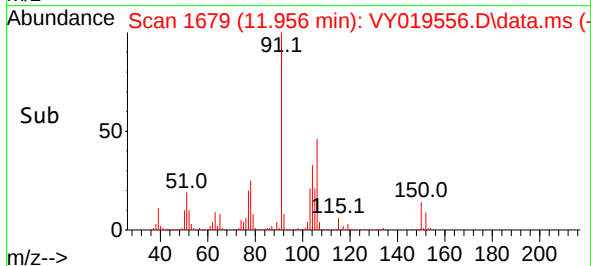
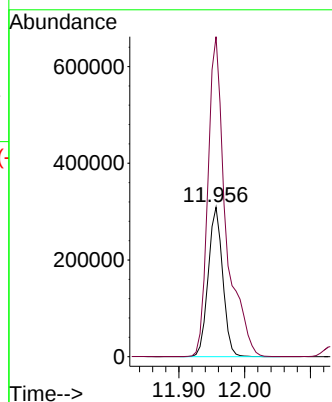
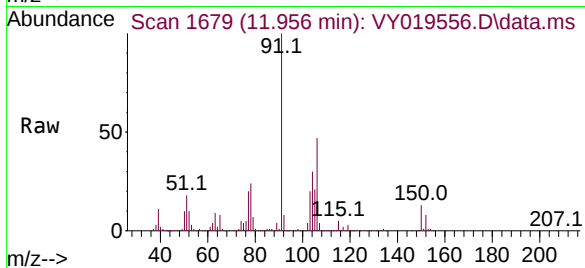
ClientSampleId :

Tgt Ion:106 Resp: 474323

Ion Ratio Lower Upper

106 100

91 264.7 103.6 310.8



#70

Styrene

Concen: 54.935 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

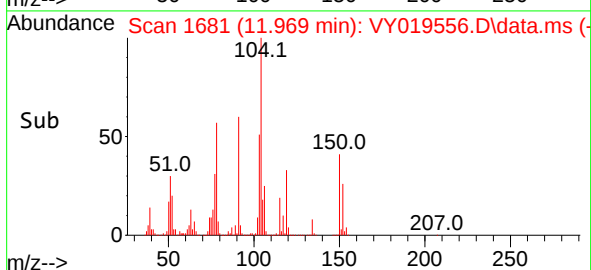
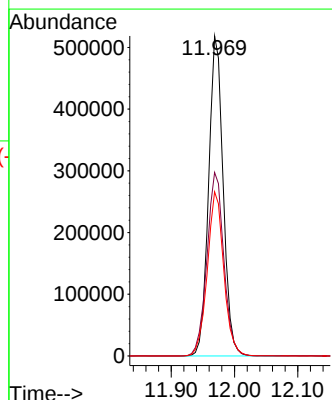
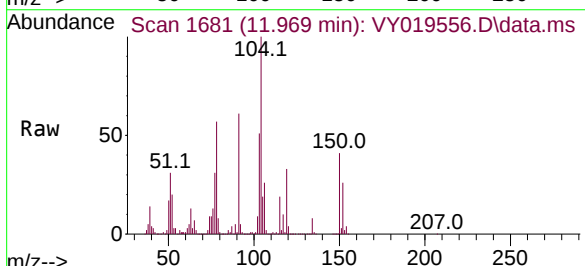
Tgt Ion:104 Resp: 828652

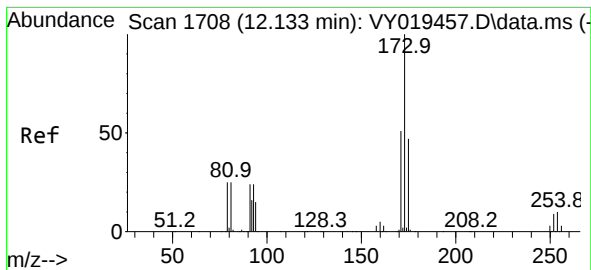
Ion Ratio Lower Upper

104 100

78 66.8 37.0 55.4#

103 58.1 44.2 66.2





#71

Bromoform

Concen: 52.673 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

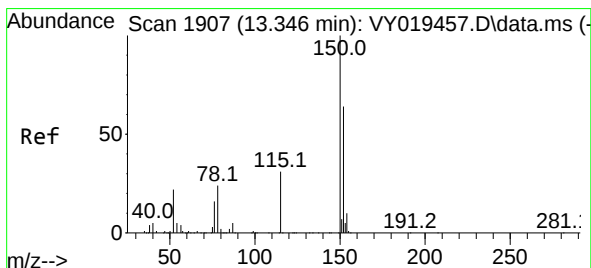
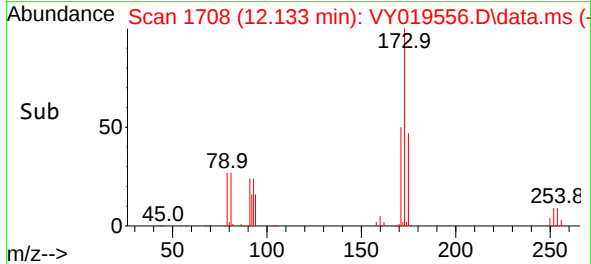
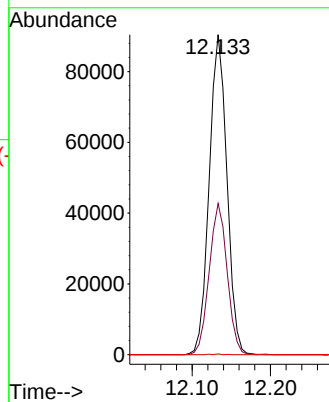
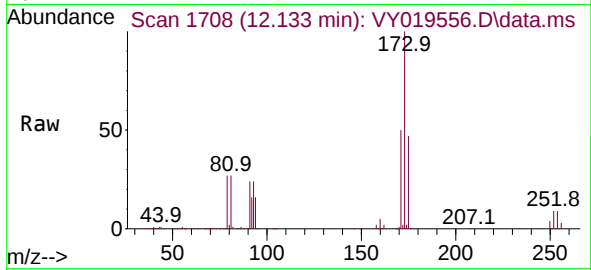
Tgt Ion:173 Resp: 141635

Ion Ratio Lower Upper

173 100

175 47.9 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

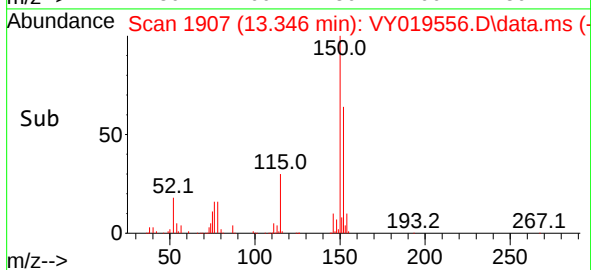
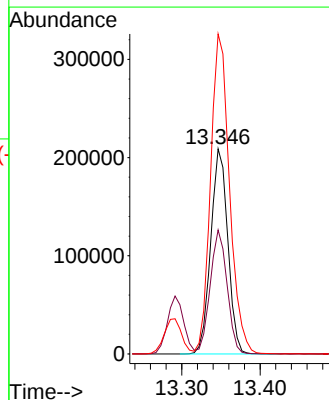
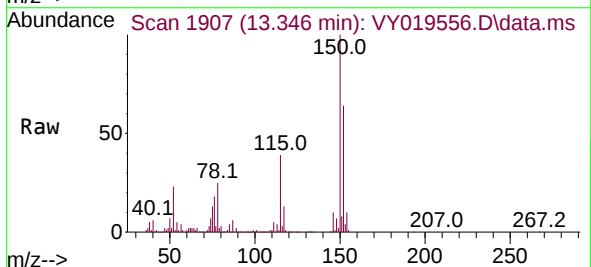
Tgt Ion:152 Resp: 315322

Ion Ratio Lower Upper

152 100

115 59.8 28.2 84.7

150 173.3 0.0 345.6





#73

Isopropylbenzene

Concen: 54.916 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

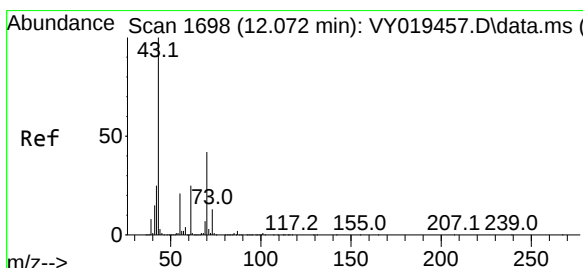
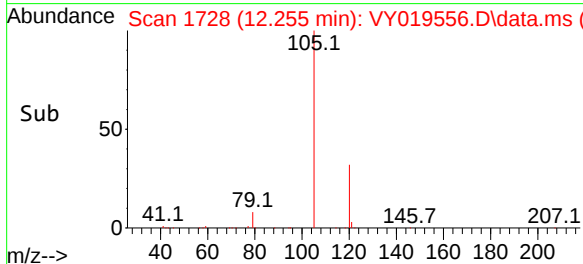
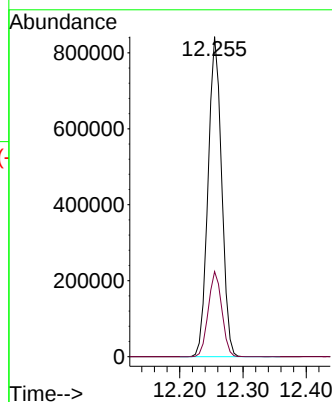
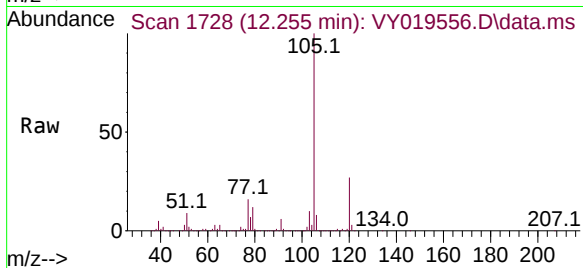
ClientSampleId :

Tgt Ion:105 Resp: 1256238

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 51.352 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Tgt Ion: 43 Resp: 319481

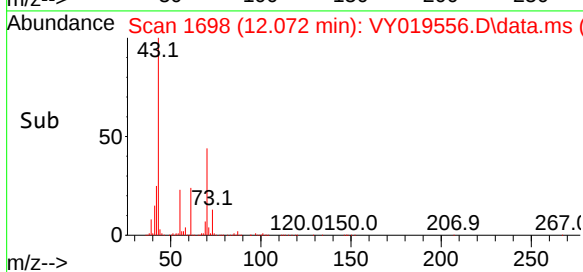
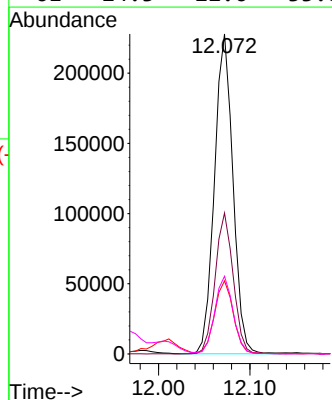
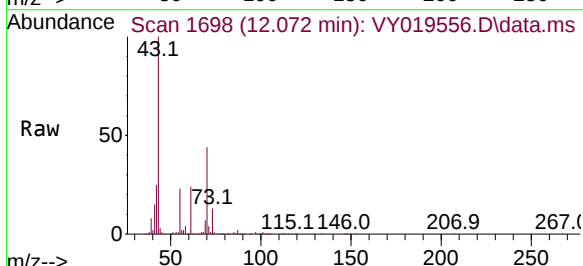
Ion Ratio Lower Upper

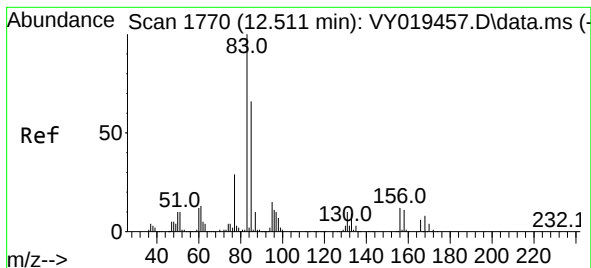
43 100

70 43.3 41.4 62.2

55 23.0 23.3 34.9#

61 24.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.024 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

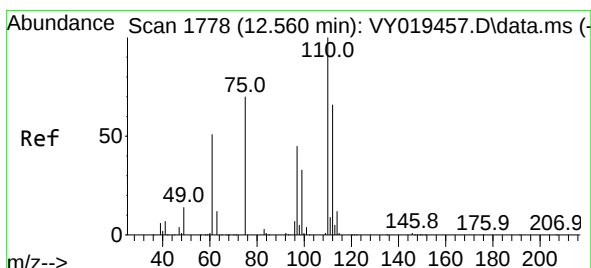
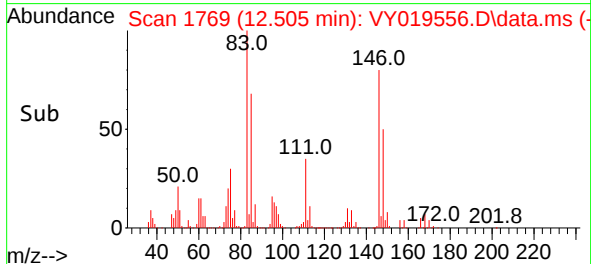
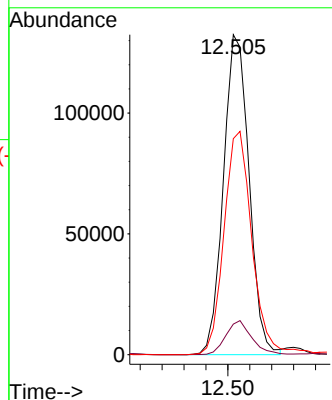
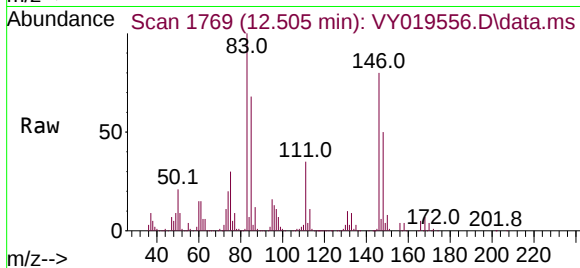
Tgt Ion: 83 Resp: 215294

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 76.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 95.521 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.030 min

Lab File: VY019556.D

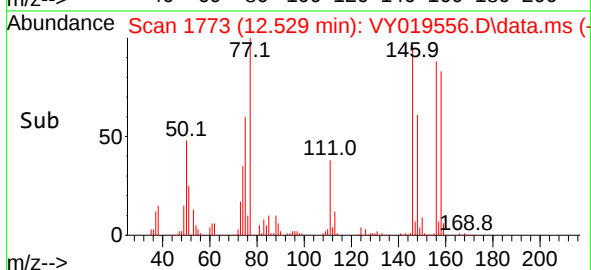
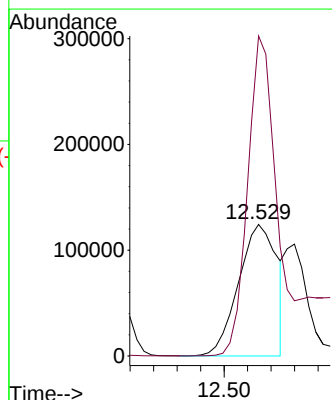
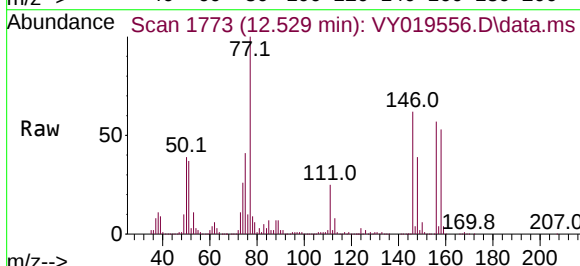
Acq: 16 Sep 2024 09:40

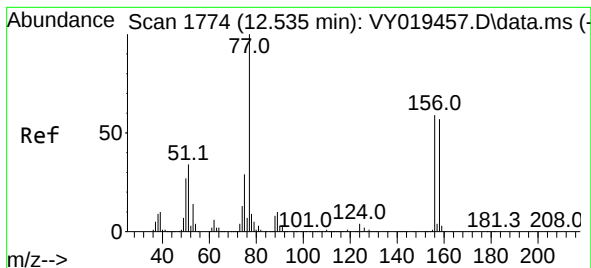
Tgt Ion: 75 Resp: 282311

Ion Ratio Lower Upper

75 100

77 187.9 0.0 0.0#





#77

Bromobenzene

Concen: 54.297 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

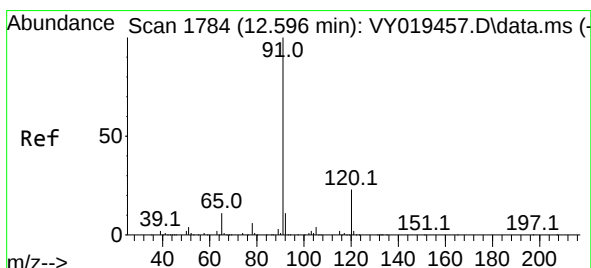
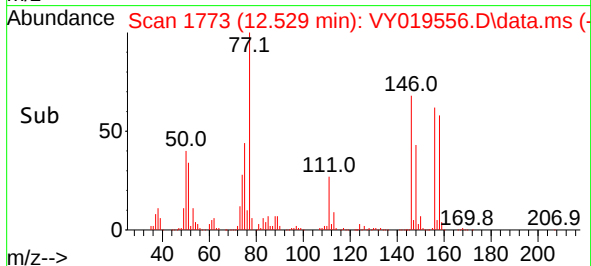
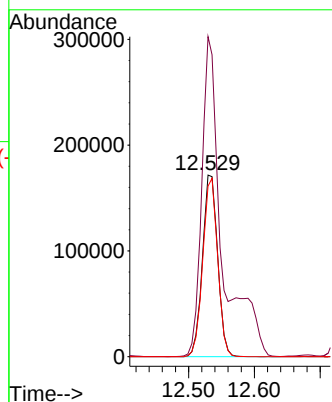
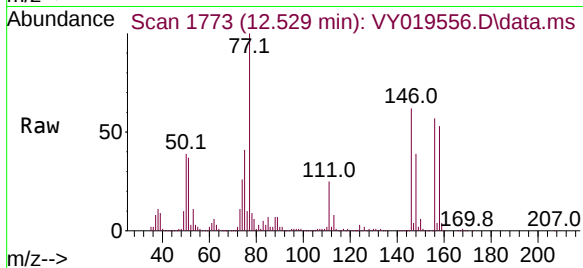
Tgt Ion:156 Resp: 275474

Ion Ratio Lower Upper

156 100

77 192.5 87.1 261.3

158 96.2 48.6 145.9



#78

n-propylbenzene

Concen: 91.273 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019556.D

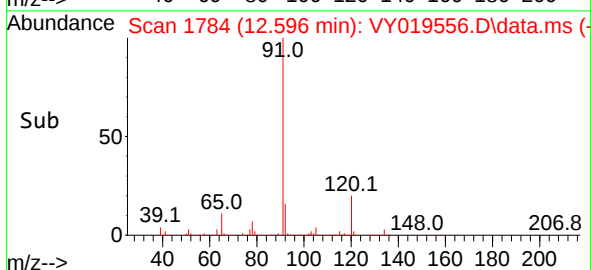
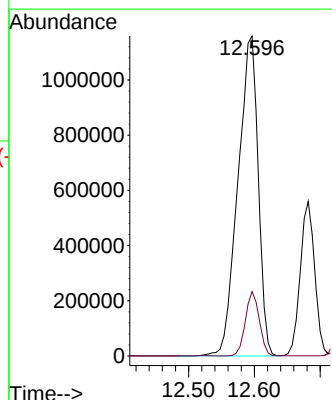
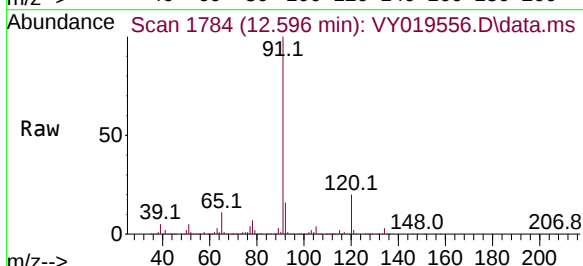
Acq: 16 Sep 2024 09:40

Tgt Ion: 91 Resp: 2474749

Ion Ratio Lower Upper

91 100

120 13.8 11.5 34.4

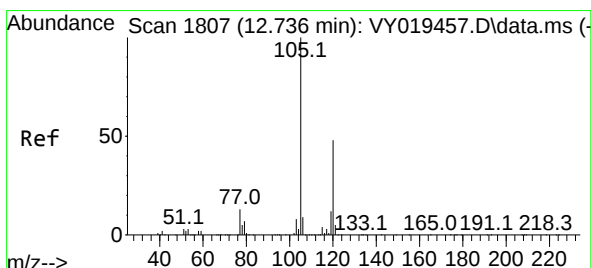
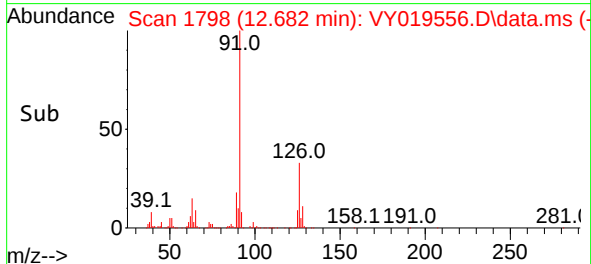
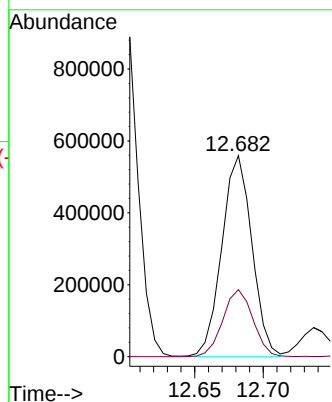
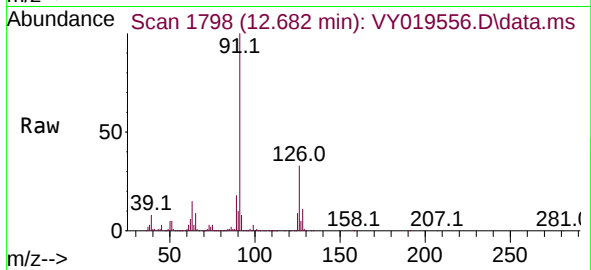




#79  
2-Chlorotoluene  
Concen: 54.114 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

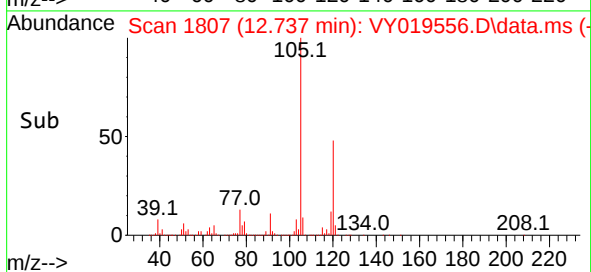
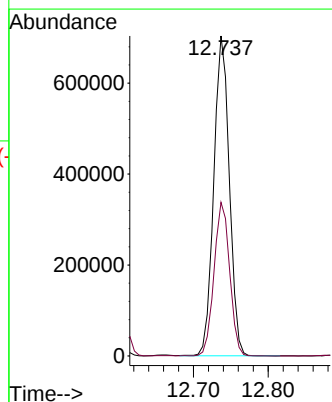
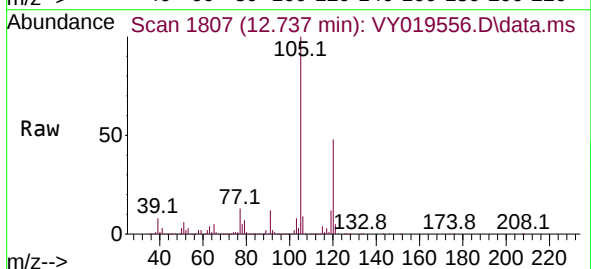
Instrument :  
MSVOA\_Y  
ClientSampleId :

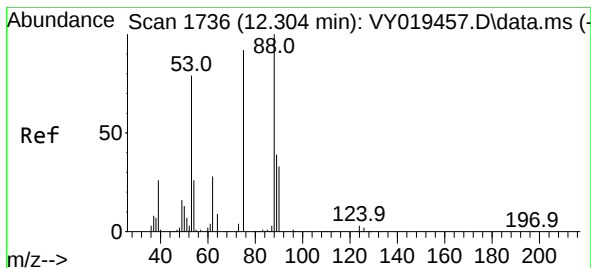
Tgt Ion: 91 Resp: 855068  
Ion Ratio Lower Upper  
91 100  
126 33.3 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 54.644 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 105 Resp: 1016209  
Ion Ratio Lower Upper  
105 100  
120 48.3 25.1 75.2

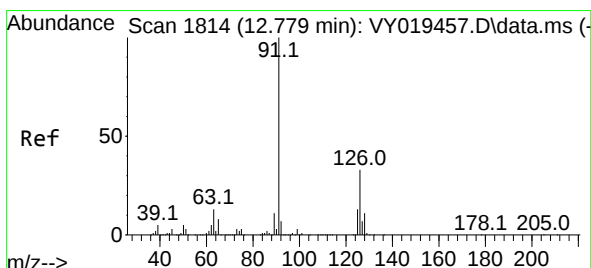
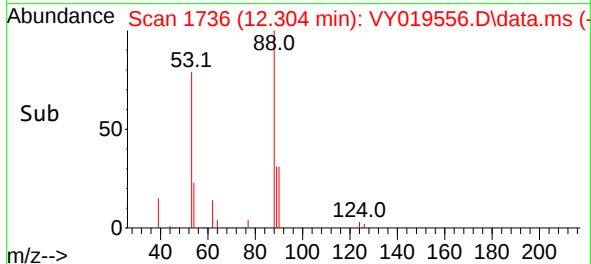
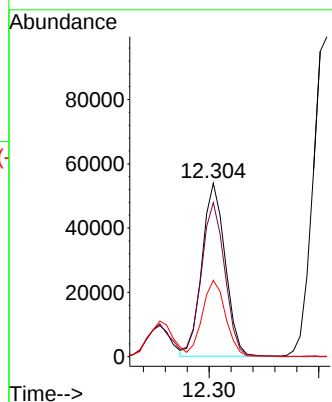
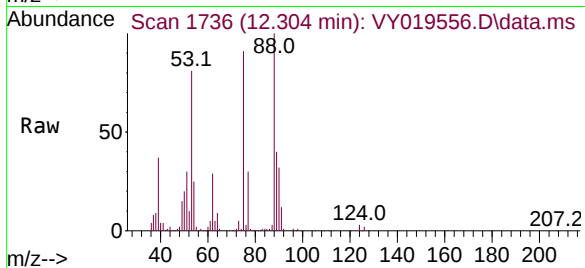




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.531 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

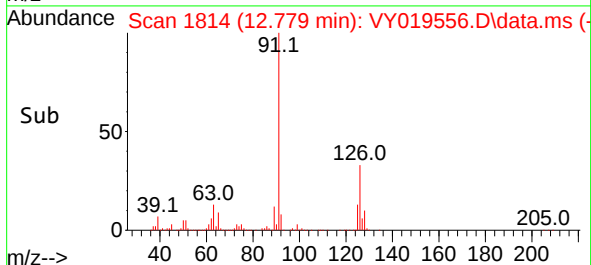
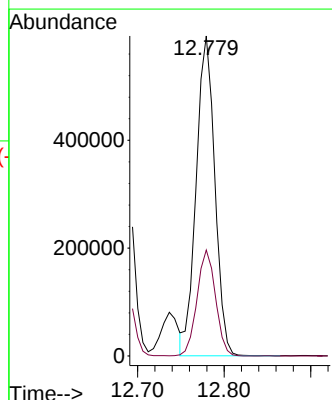
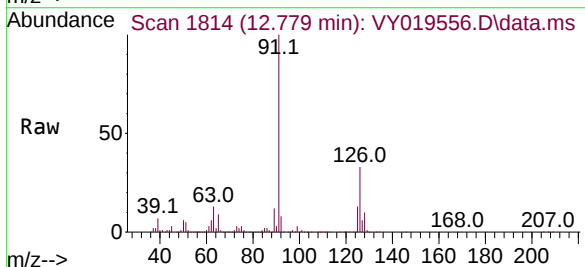
Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 90.1  | 66.8  | 100.2 |
| 89      | 44.2  | 35.8  | 53.6  |



#82  
4-Chlorotoluene  
Concen: 54.498 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.8  | 17.6  | 52.9  |





#83

tert-Butylbenzene

Concen: 55.265 ug/l

RT: 12.999 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

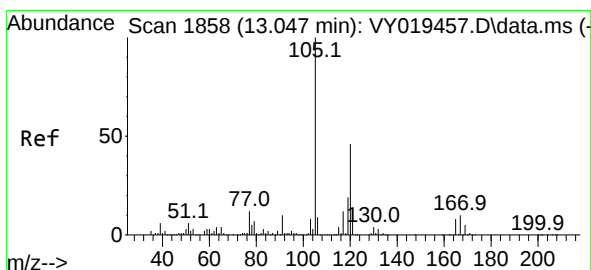
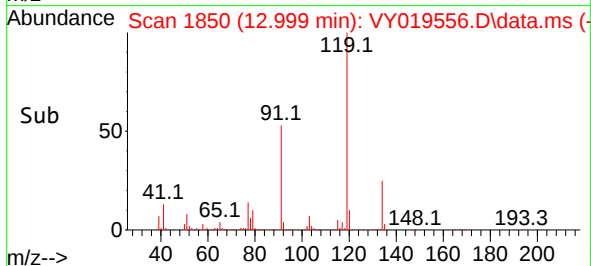
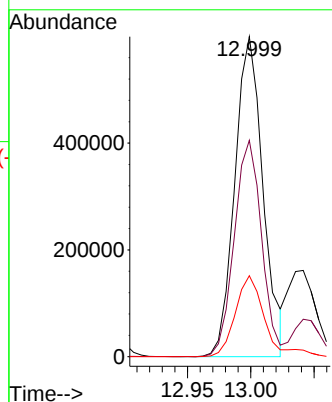
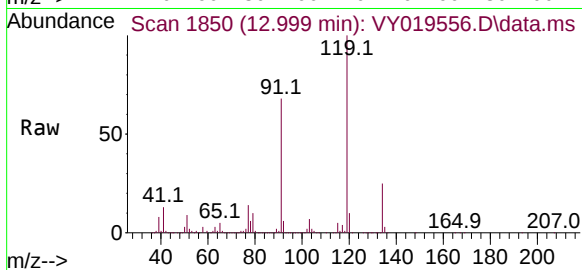
Tgt Ion:119 Resp: 930427

Ion Ratio Lower Upper

119 100

91 65.3 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.392 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019556.D

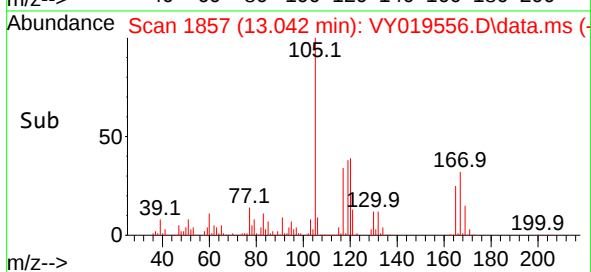
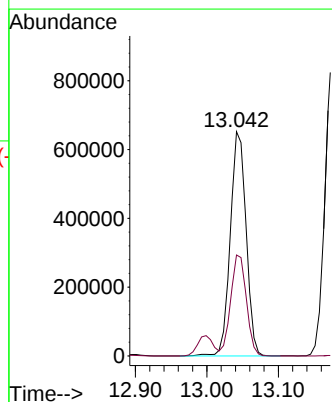
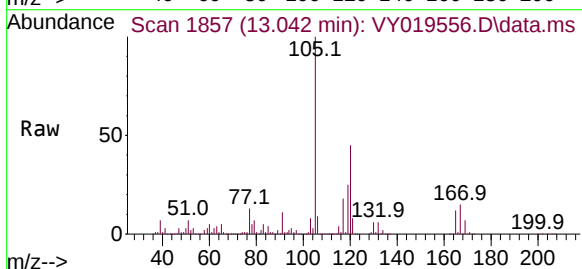
Acq: 16 Sep 2024 09:40

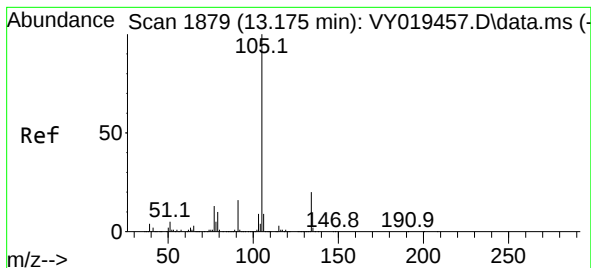
Tgt Ion:105 Resp: 1001275

Ion Ratio Lower Upper

105 100

120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.127 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

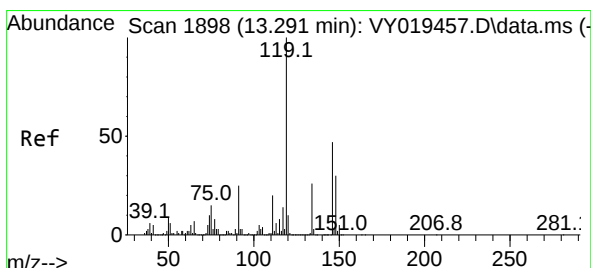
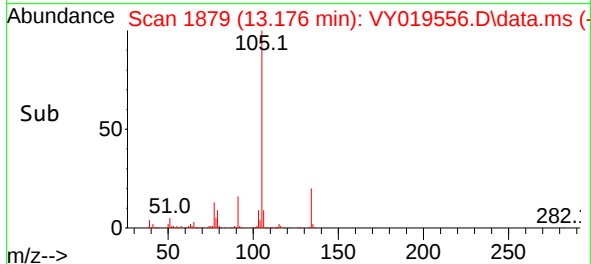
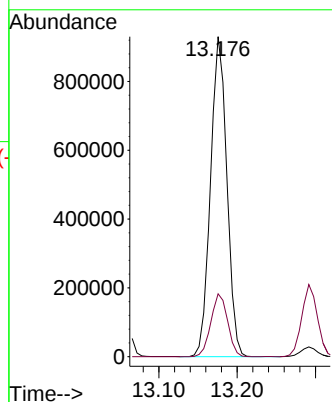
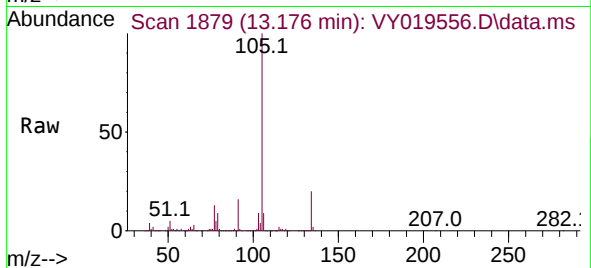
ClientSampleId :

Tgt Ion:105 Resp: 1348265

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.704 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

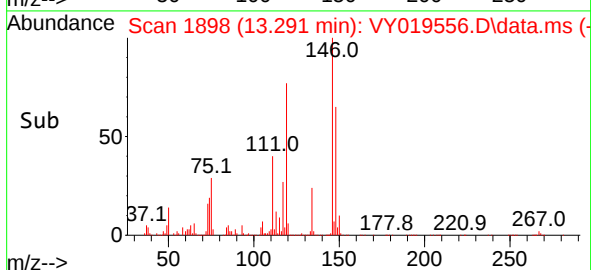
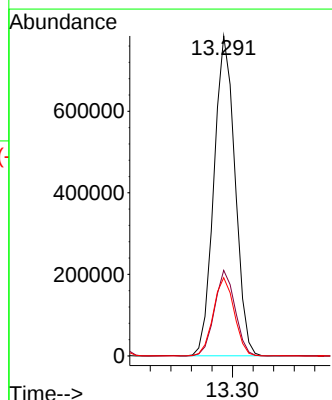
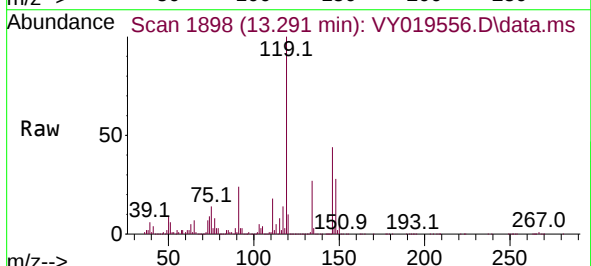
Tgt Ion:119 Resp: 1114651

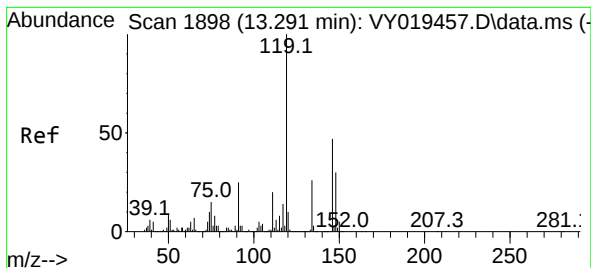
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 24.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.090 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

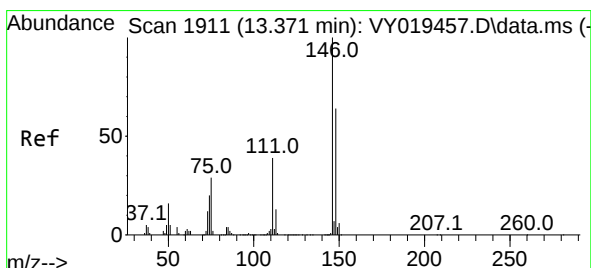
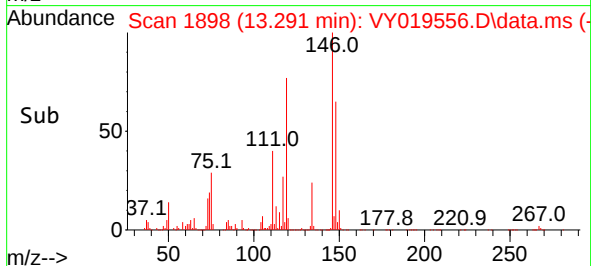
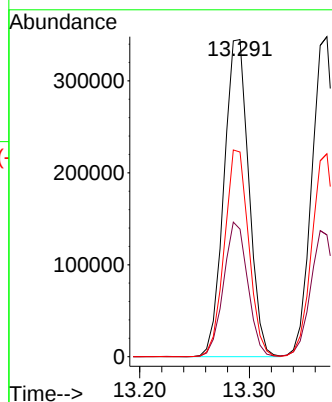
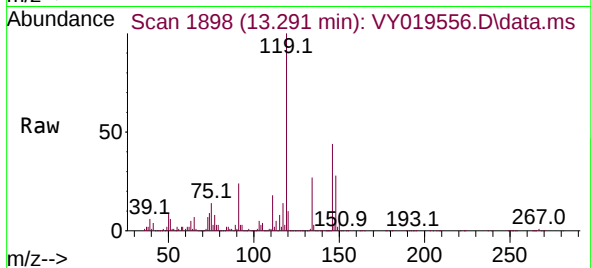
Tgt Ion:146 Resp: 543103

Ion Ratio Lower Upper

146 100

111 41.3 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.781 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

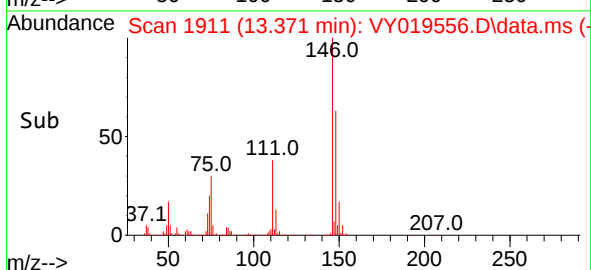
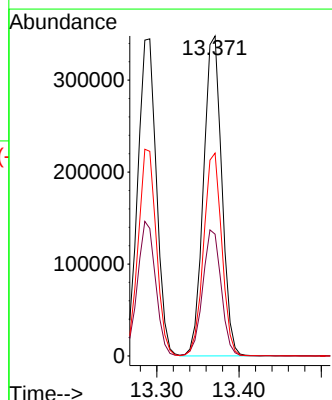
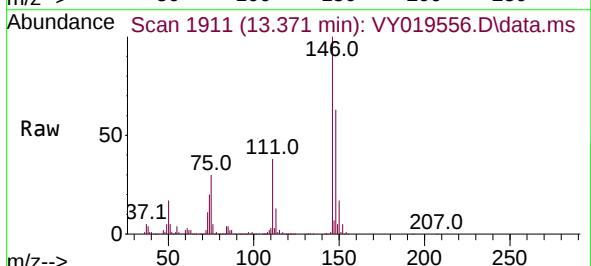
Tgt Ion:146 Resp: 535962

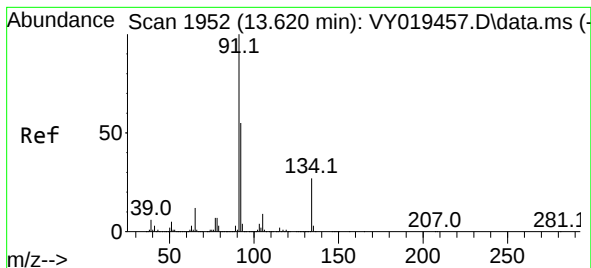
Ion Ratio Lower Upper

146 100

111 39.8 18.4 55.4

148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 55.560 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

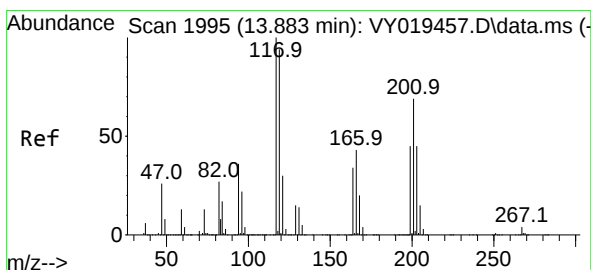
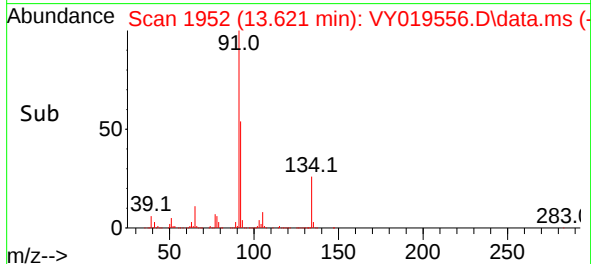
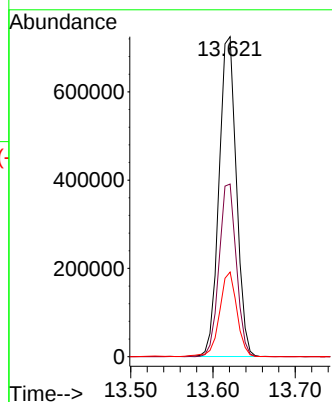
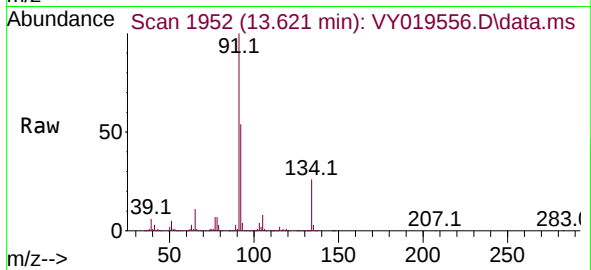
Tgt Ion: 91 Resp: 1062847

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 26.5 12.9 38.7



#90

Hexachloroethane

Concen: 55.317 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019556.D

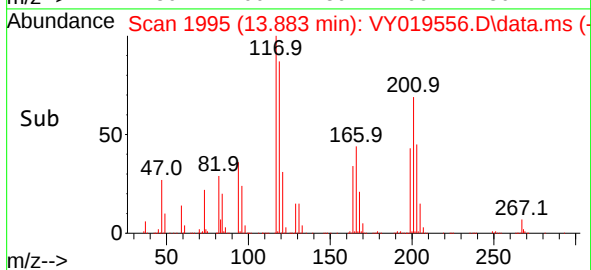
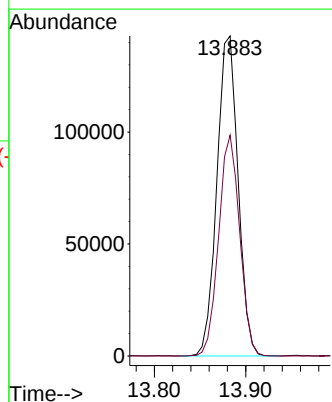
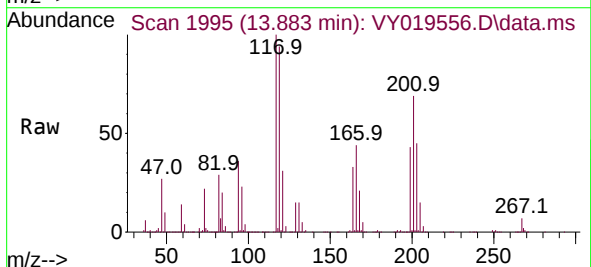
Acq: 16 Sep 2024 09:40

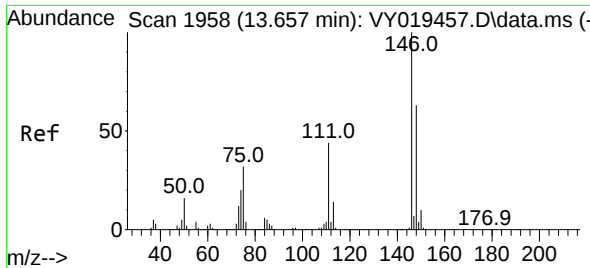
Tgt Ion: 117 Resp: 230316

Ion Ratio Lower Upper

117 100

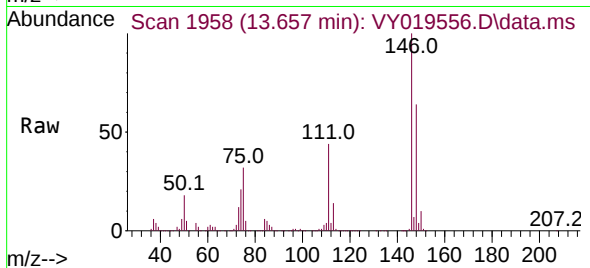
201 68.5 37.4 112.2



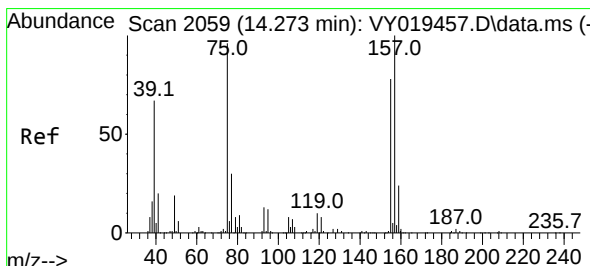
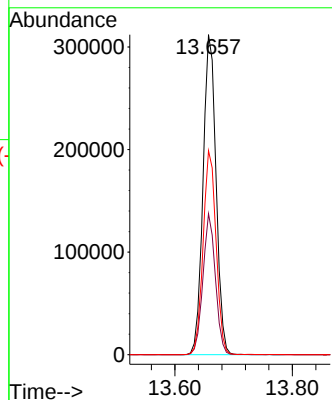
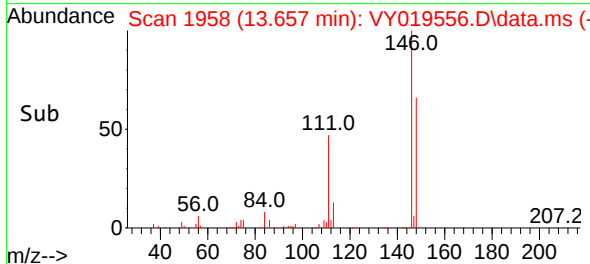


#91  
1,2-Dichlorobenzene  
Concen: 54.498 ug/l  
RT: 13.657 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Instrument :  
MSVOA\_Y  
ClientSampleId :

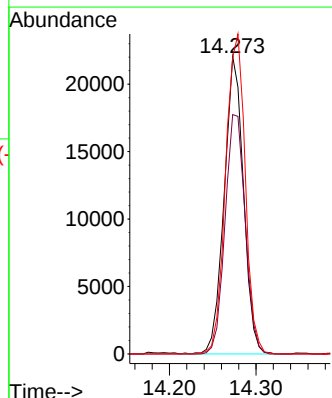
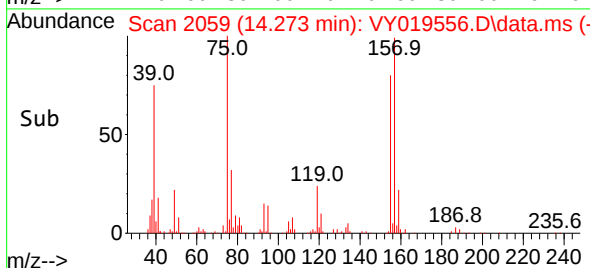
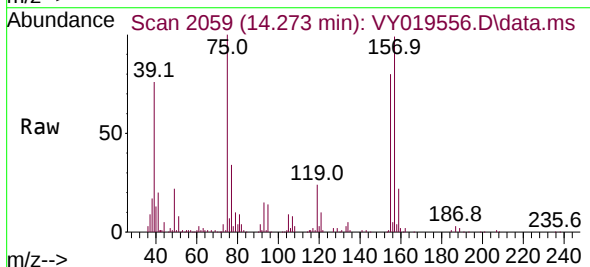


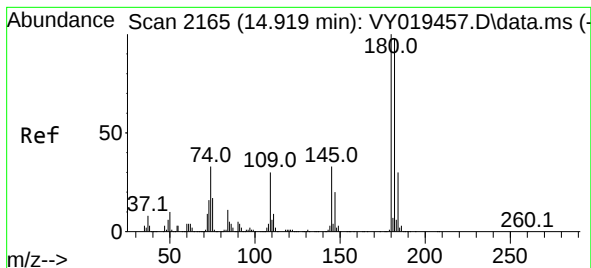
Tgt Ion:146 Resp: 479436  
Ion Ratio Lower Upper  
146 100  
111 42.4 19.9 59.7  
148 63.6 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.468 ug/l  
RT: 14.273 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VY019556.D  
Acq: 16 Sep 2024 09:40

Tgt Ion: 75 Resp: 34152  
Ion Ratio Lower Upper  
75 100  
155 83.7 48.6 145.8  
157 109.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 93.772 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

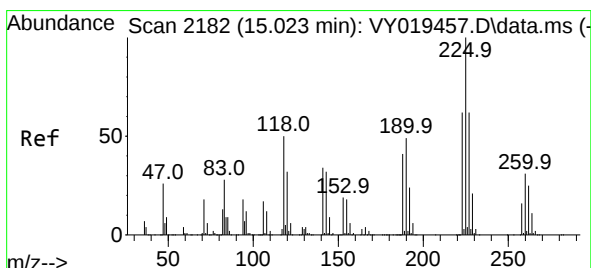
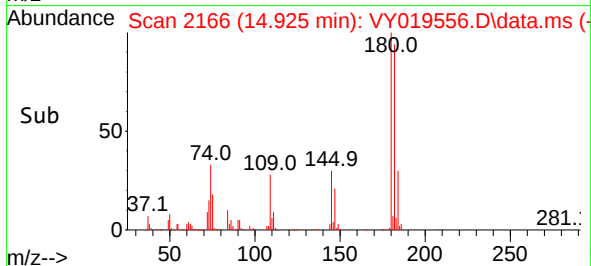
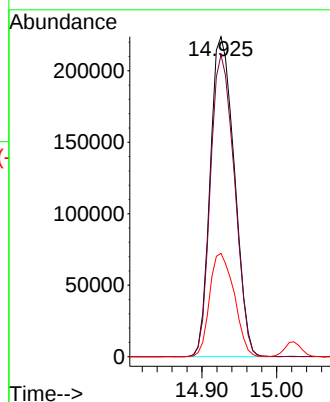
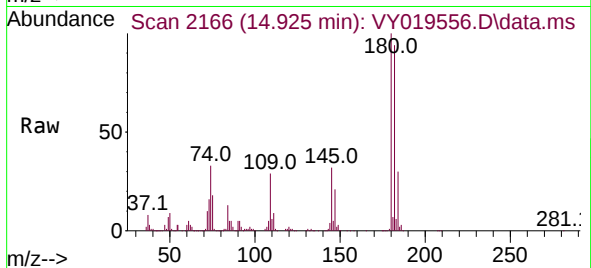
Tgt Ion:180 Resp: 501735

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 32.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.807 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

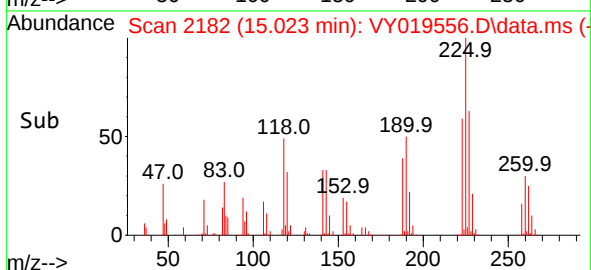
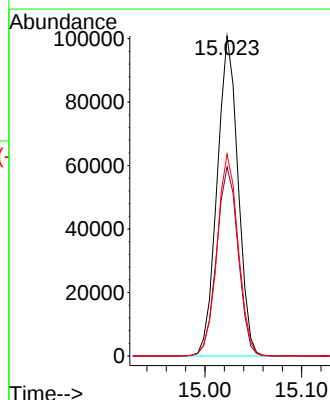
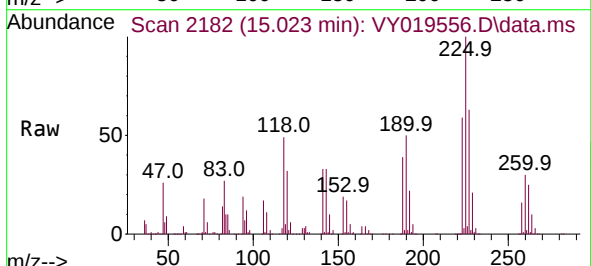
Tgt Ion:225 Resp: 150942

Ion Ratio Lower Upper

225 100

223 60.8 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 50.754 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Instrument :

MSVOA\_Y

ClientSampleId :

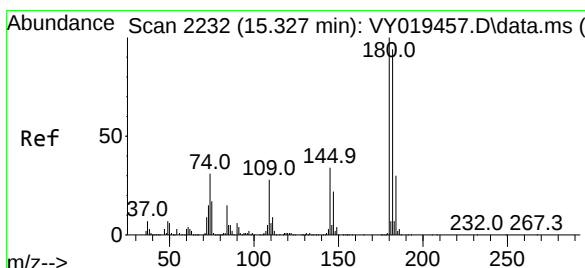
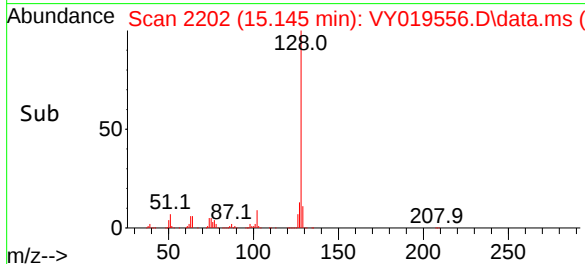
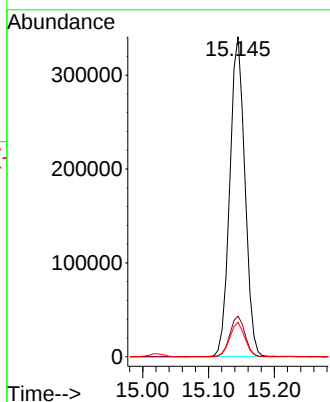
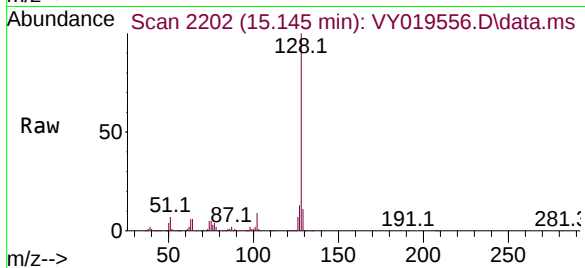
Tgt Ion:128 Resp: 543831

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.870 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019556.D

Acq: 16 Sep 2024 09:40

Tgt Ion:180 Resp: 237395

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 34.4 15.4 46.1

