

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101524\  
 Data File : VY019899.D  
 Acq On : 15 Oct 2024 12:41  
 Operator : SY/MD  
 Sample : VY1015SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 16 02:46:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 10 05:30:07 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.713  | 168   | 290001   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.616  | 114   | 512639   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.414 | 117   | 437756   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.346 | 152   | 209107   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.067  | 65    | 191133   | 53.527   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 107.060% |          |
| 35) Dibromofluoromethane     | 7.634  | 113   | 179522   | 53.068   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 106.140% |          |
| 50) Toluene-d8               | 10.109 | 98    | 649118   | 51.961   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 103.920% |          |
| 62) 4-Bromofluorobenzene     | 12.408 | 95    | 231189   | 51.217   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 29 - 146 | Recovery | = 102.440% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.867  | 85    | 48652    | 18.021   | ug/l       | 91       |
| 3) Chloromethane             | 2.074  | 50    | 64482    | 18.352   | ug/l       | 95       |
| 4) Vinyl Chloride            | 2.208  | 62    | 72113    | 18.650   | ug/l       | 100      |
| 5) Bromomethane              | 2.592  | 94    | 47686    | 19.484   | ug/l       | 95       |
| 6) Chloroethane              | 2.739  | 64    | 50841    | 19.573   | ug/l       | 100      |
| 7) Trichlorofluoromethane    | 3.056  | 101   | 111234   | 19.334   | ug/l       | 100      |
| 8) Diethyl Ether             | 3.458  | 74    | 33131    | 18.947   | ug/l       | 73       |
| 9) 1,1,2-Trichlorotrifluo... | 3.824  | 101   | 65127    | 19.461   | ug/l       | 92       |
| 10) Methyl Iodide            | 4.013  | 142   | 59227    | 17.499   | ug/l #     | 89       |
| 11) Tert butyl alcohol       | 4.866  | 59    | 32412    | 96.890   | ug/l #     | 83       |
| 12) 1,1-Dichloroethene       | 3.793  | 96    | 58385    | 18.766   | ug/l       | 85       |
| 13) Acrolein                 | 3.659  | 56    | 27376    | 104.337  | ug/l       | 100      |
| 14) Allyl chloride           | 4.385  | 41    | 110248   | 19.640   | ug/l #     | 89       |
| 15) Acrylonitrile            | 5.061  | 53    | 82101    | 102.653  | ug/l       | 96       |
| 16) Acetone                  | 3.873  | 43    | 104087   | 111.978  | ug/l #     | 83       |
| 17) Carbon Disulfide         | 4.110  | 76    | 127878   | 15.335   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.391  | 43    | 40983    | 20.467   | ug/l #     | 88       |
| 19) Methyl tert-butyl Ether  | 5.116  | 73    | 184383   | 20.629   | ug/l       | 98       |
| 20) Methylene Chloride       | 4.616  | 84    | 75965    | 21.661   | ug/l #     | 81       |
| 21) trans-1,2-Dichloroethene | 5.122  | 96    | 64193    | 18.958   | ug/l #     | 83       |
| 22) Diisopropyl ether        | 6.019  | 45    | 261787   | 21.410   | ug/l       | 88       |
| 23) Vinyl Acetate            | 5.964  | 43    | 713739   | 101.824  | ug/l #     | 91       |
| 24) 1,1-Dichloroethane       | 5.915  | 63    | 141601   | 20.834   | ug/l       | 97       |
| 25) 2-Butanone               | 6.896  | 43    | 138169   | 111.050  | ug/l #     | 84       |
| 26) 2,2-Dichloropropane      | 6.890  | 77    | 120841   | 19.964   | ug/l       | 94       |
| 27) cis-1,2-Dichloroethene   | 6.890  | 96    | 82744    | 19.774   | ug/l       | 83       |
| 28) Bromochloromethane       | 7.250  | 49    | 63941    | 21.374   | ug/l #     | 72       |
| 29) Tetrahydrofuran          | 7.268  | 42    | 74162    | 104.393  | ug/l #     | 79       |
| 30) Chloroform               | 7.427  | 83    | 147240   | 21.251   | ug/l       | 99       |
| 31) Cyclohexane              | 7.701  | 56    | 107083   | 17.948   | ug/l       | 91       |
| 32) 1,1,1-Trichloroethane    | 7.622  | 97    | 121152   | 19.953   | ug/l       | 93       |
| 36) 1,1-Dichloropropene      | 7.835  | 75    | 94796    | 19.451   | ug/l       | 93       |
| 37) Ethyl Acetate            | 6.982  | 43    | 52416    | 20.626   | ug/l #     | 93       |
| 38) Carbon Tetrachloride     | 7.817  | 117   | 99400    | 19.025   | ug/l       | 94       |
| 39) Methylcyclohexane        | 9.109  | 83    | 109195   | 17.782   | ug/l       | 90       |
| 40) Benzene                  | 8.079  | 78    | 295049   | 20.004   | ug/l       | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101524\  
 Data File : VY019899.D  
 Acq On : 15 Oct 2024 12:41  
 Operator : SY/MD  
 Sample : VY1015SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 16 02:46:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 10 05:30:07 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.220  | 41   | 25778    | 18.742  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 87969    | 20.760  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 104528   | 20.169  | ug/l # | 88       |
| 44) Trichloroethene           | 8.866  | 130  | 68378    | 19.141  | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 75387    | 20.421  | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 39611    | 19.639  | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.426  | 83   | 110133   | 20.571  | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.219  | 41   | 45984    | 20.171  | ug/l # | 78       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 9333     | 413.424 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 279910   | 105.886 | ug/l   | 88       |
| 52) Toluene                   | 10.170 | 92   | 183868   | 19.971  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 94071    | 19.529  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 112202   | 19.740  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 55503    | 20.886  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 75749    | 19.865  | ug/l # | 76       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 98056    | 21.011  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 184949   | 104.189 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.762 | 43   | 205755   | 108.976 | ug/l   | 87       |
| 60) Dibromochloromethane      | 10.914 | 129  | 67945    | 19.920  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 48589    | 20.234  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.646 | 164  | 55455    | 17.810  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.444 | 112  | 200186   | 19.994  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 67665    | 19.974  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.518 | 91   | 363357   | 19.978  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.627 | 106  | 265128   | 39.470  | ug/l   | 90       |
| 69) o-Xylene                  | 11.956 | 106  | 125645   | 19.468  | ug/l   | 87       |
| 70) Styrene                   | 11.969 | 104  | 221243   | 20.318  | ug/l   | 95       |
| 71) Bromoform                 | 12.133 | 173  | 35648    | 19.657  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.255 | 105  | 348369   | 19.806  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 92860    | 19.934  | ug/l # | 86       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 65703    | 21.023  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.560 | 75   | 81146    | 19.809  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 72278    | 19.365  | ug/l   | 82       |
| 78) n-propylbenzene           | 12.597 | 91   | 425272   | 20.010  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 244447   | 20.063  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 281000   | 19.783  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 19048    | 18.769  | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 250813   | 20.132  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 259941   | 20.428  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 280157   | 19.893  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 384483   | 20.223  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 307868   | 19.942  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 148337   | 19.680  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 149927   | 20.247  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.615 | 91   | 307781   | 20.417  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.877 | 117  | 59583    | 19.820  | ug/l   | 85       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 131858   | 19.910  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 9813     | 19.674  | ug/l   | 75       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 69923    | 18.829  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 38313    | 18.557  | ug/l   | 98       |
| 95) Naphthalene               | 15.145 | 128  | 129316   | 18.463  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 60069    | 19.135  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101524\  
Data File : VY019899.D  
Acq On : 15 Oct 2024 12:41  
Operator : SY/MD  
Sample : VY1015SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Oct 16 02:46:46 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 10 05:30:07 2024  
Response via : Initial Calibration

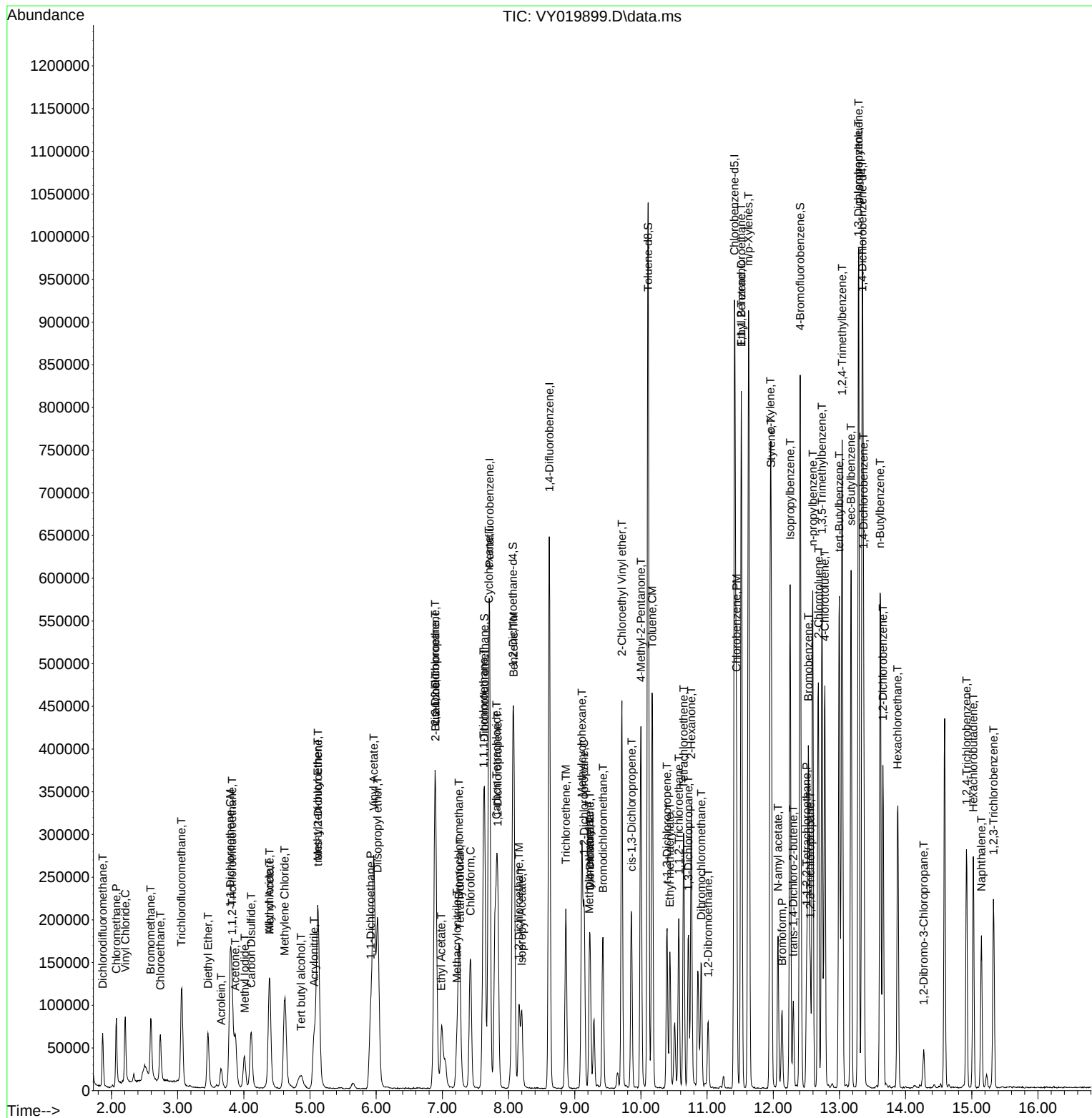
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

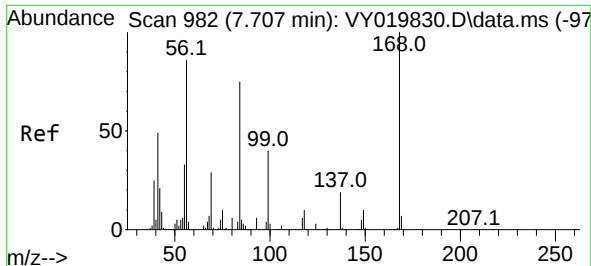
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY019899.D  
Data File : VY019899.D  
Acq On : 15 Oct 2024 12:41  
Operator : SY/MD  
Sample : VY015SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Oct 16 02:46:46 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 10 05:30:07 2024  
Response via : Initial Calibration

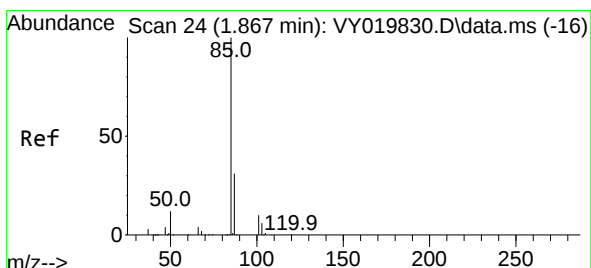
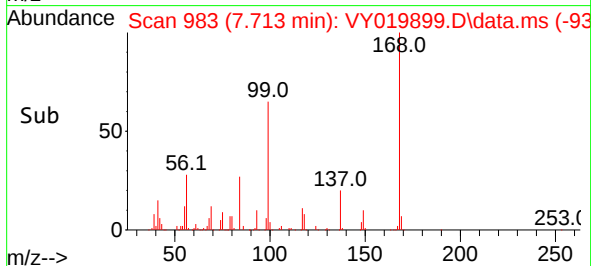
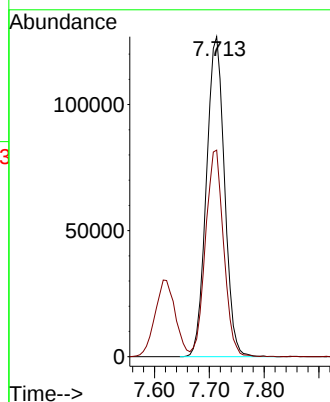
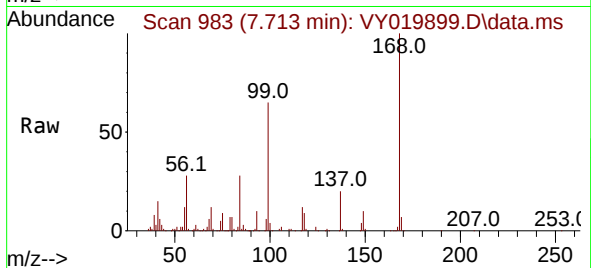




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

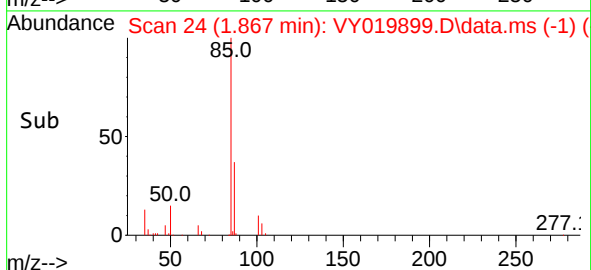
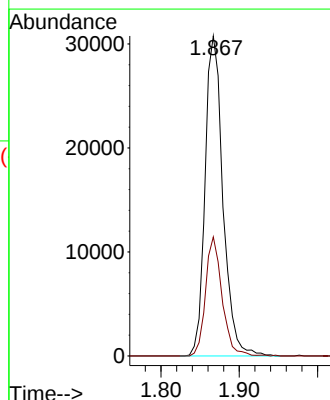
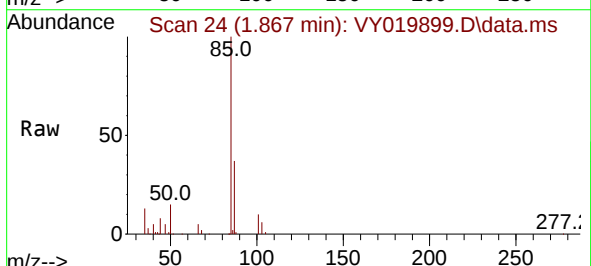
Instrument :  
MSVOA\_Y  
ClientSampleId :

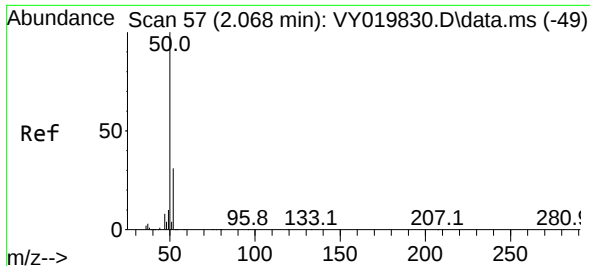
Tgt Ion:168 Resp: 290001  
Ion Ratio Lower Upper  
168 100  
99 64.6 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: 18.021 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.001 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 85 Resp: 48652  
Ion Ratio Lower Upper  
85 100  
87 37.2 16.0 48.0

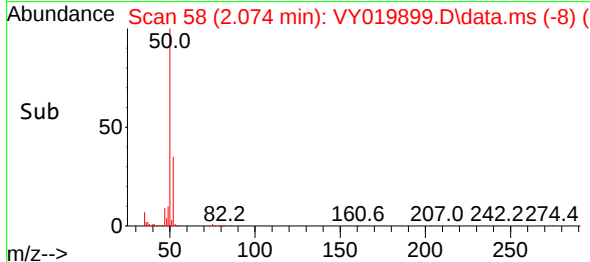
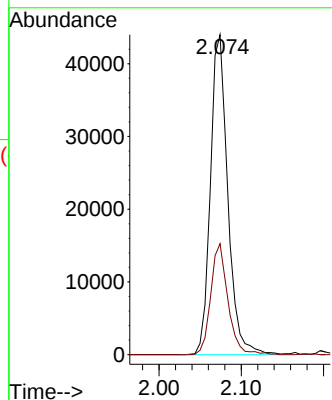
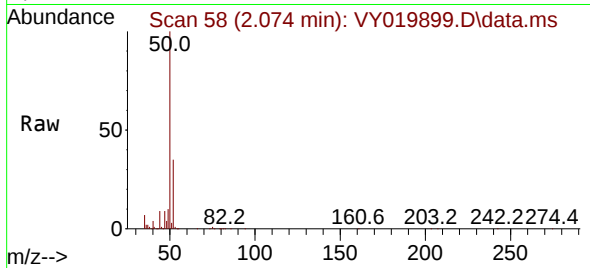




#3  
Chloromethane  
Concen: 18.352 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

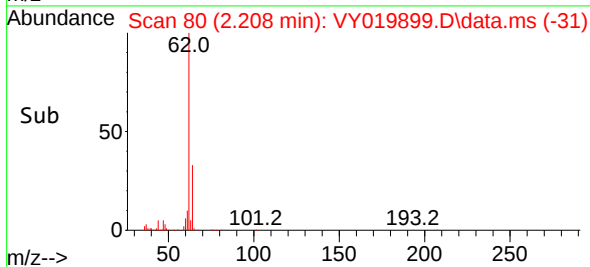
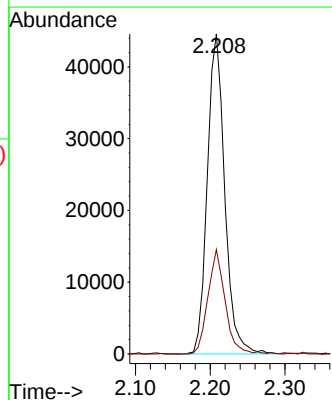
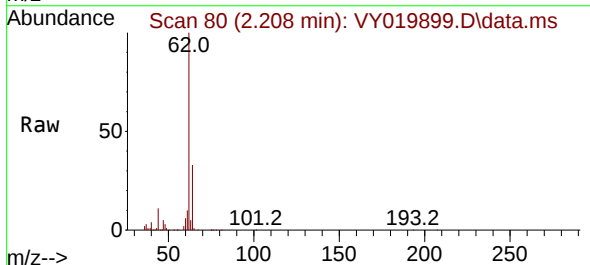
Instrument :  
MSVOA\_Y  
ClientSampleId :

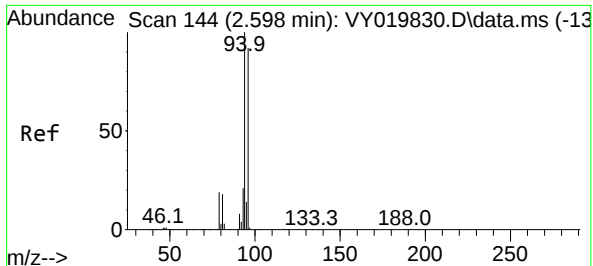
Tgt Ion: 50 Resp: 64482  
Ion Ratio Lower Upper  
50 100  
52 34.7 25.6 38.4



#4  
Vinyl Chloride  
Concen: 18.650 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 62 Resp: 72113  
Ion Ratio Lower Upper  
62 100  
64 32.6 26.1 39.1

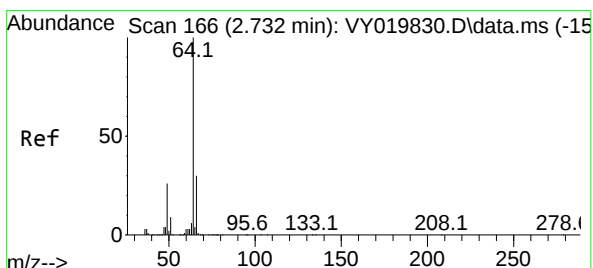
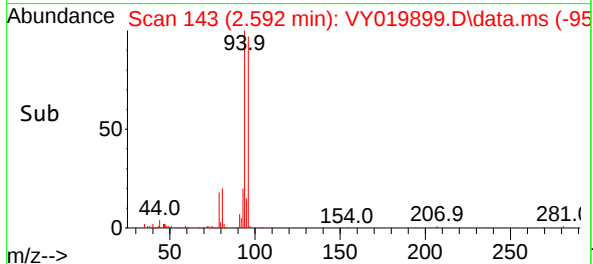
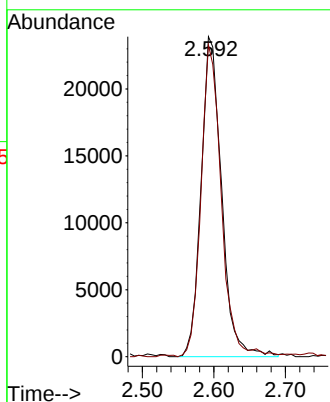
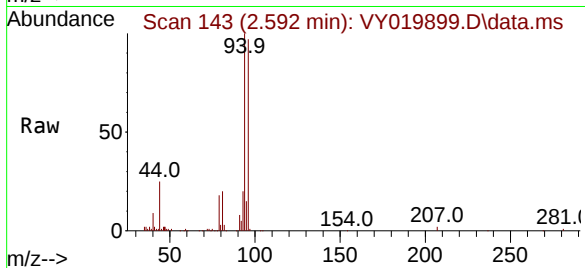




#5  
Bromomethane  
Concen: 19.484 ug/l  
RT: 2.592 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

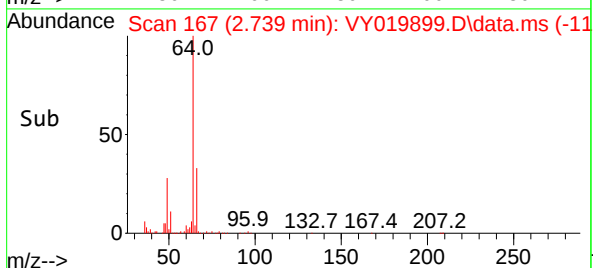
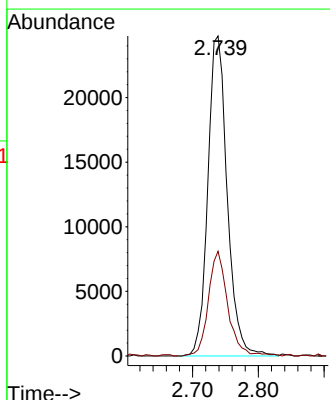
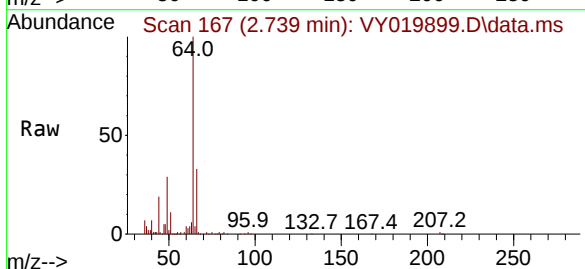
Instrument :  
MSVOA\_Y  
ClientSampleId :

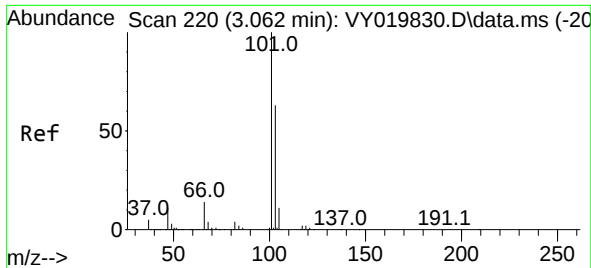
Tgt Ion: 94 Resp: 47686  
Ion Ratio Lower Upper  
94 100  
96 97.4 74.1 111.1



#6  
Chloroethane  
Concen: 19.573 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 64 Resp: 50841  
Ion Ratio Lower Upper  
64 100  
66 32.7 26.1 39.1

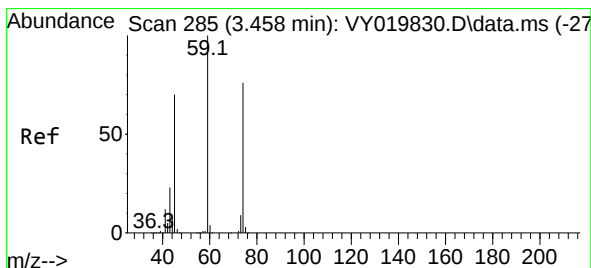
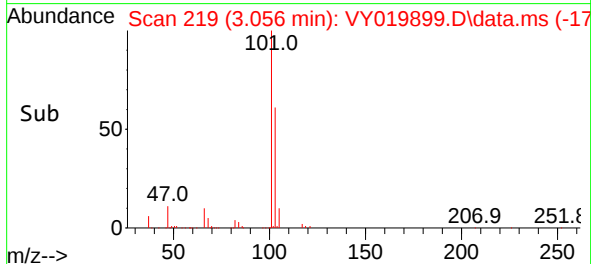
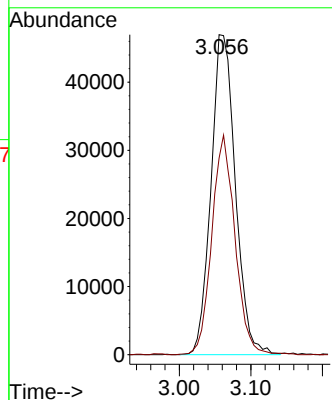
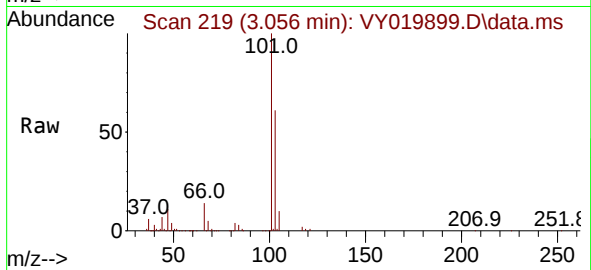




#7  
 Trichlorofluoromethane  
 Concen: 19.334 ug/l  
 RT: 3.056 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VY019899.D  
 Acq: 15 Oct 2024 12:41

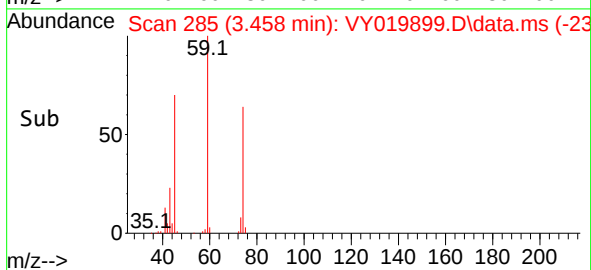
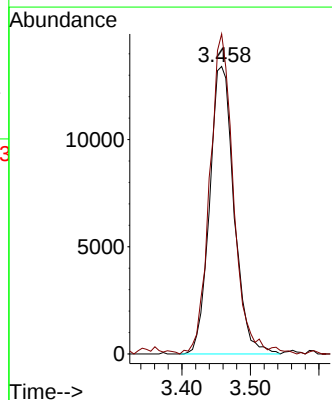
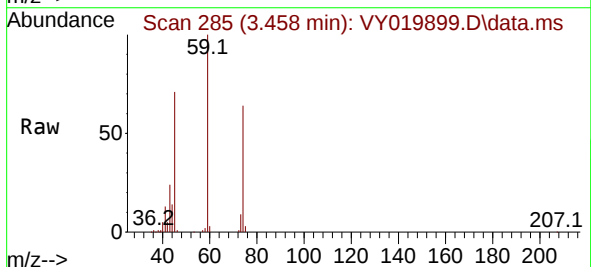
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

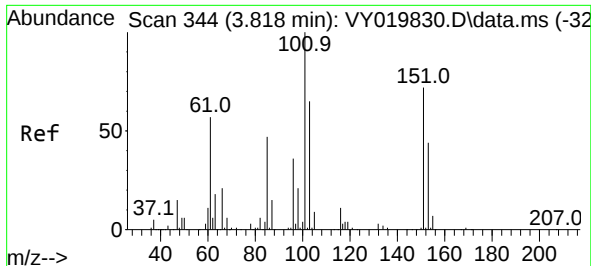
Tgt Ion:101 Resp: 111234  
 Ion Ratio Lower Upper  
 101 100  
 103 61.3 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 18.947 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. 0.000 min  
 Lab File: VY019899.D  
 Acq: 15 Oct 2024 12:41

Tgt Ion: 74 Resp: 33131  
 Ion Ratio Lower Upper  
 74 100  
 45 107.3 41.3 124.1

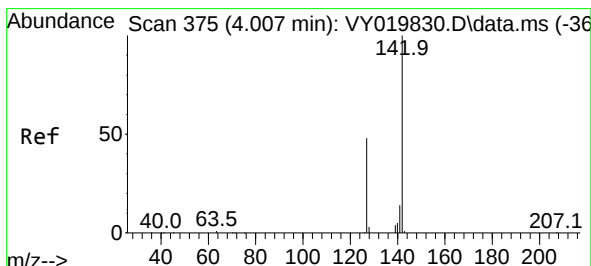
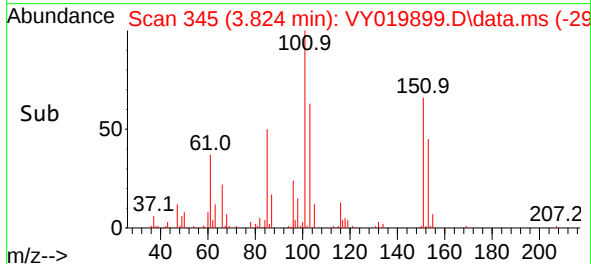
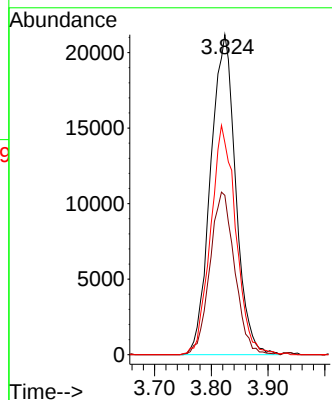
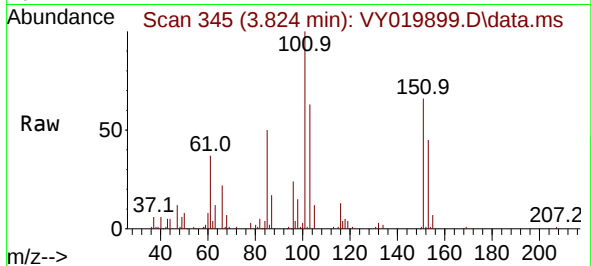




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.461 ug/l  
RT: 3.824 min Scan# 344  
Delta R.T. 0.013 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

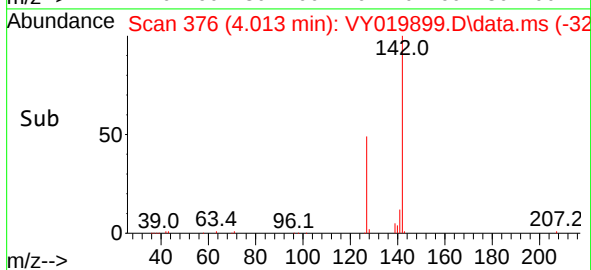
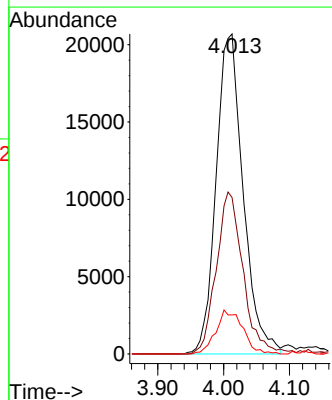
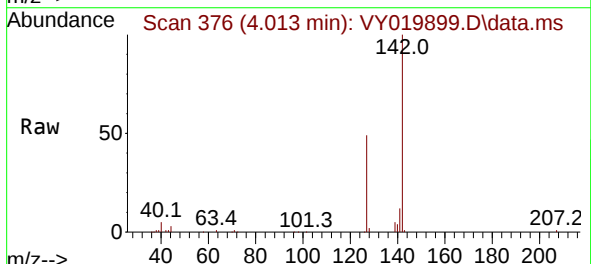
Instrument :  
MSVOA\_Y  
ClientSampleId :

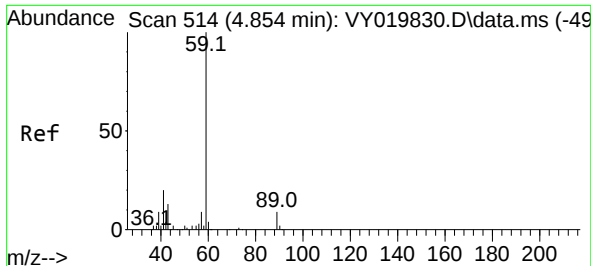
Tgt Ion:101 Resp: 65127  
Ion Ratio Lower Upper  
101 100  
85 50.2 34.5 51.7  
151 72.1 61.7 92.5



#10  
Methyl Iodide  
Concen: 17.499 ug/l  
RT: 4.013 min Scan# 376  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion:142 Resp: 59227  
Ion Ratio Lower Upper  
142 100  
127 50.1 32.8 49.2#  
141 13.7 11.4 17.2

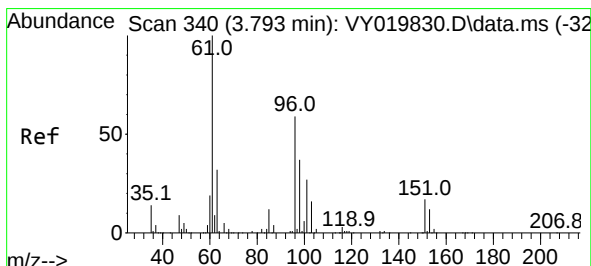
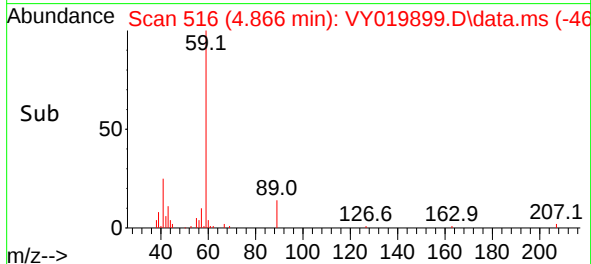
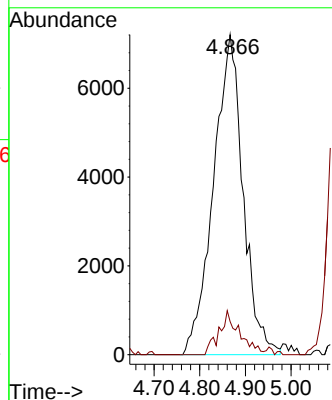
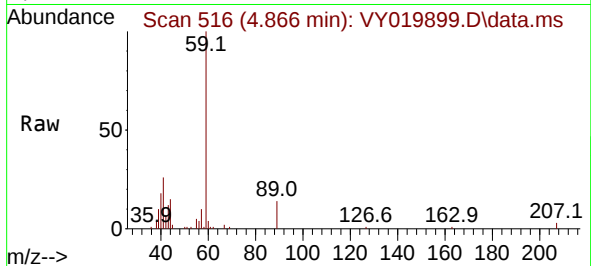




#11  
Tert butyl alcohol  
Concen: 96.890 ug/l  
RT: 4.866 min Scan# 514  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

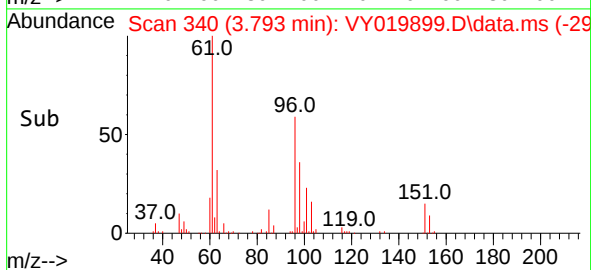
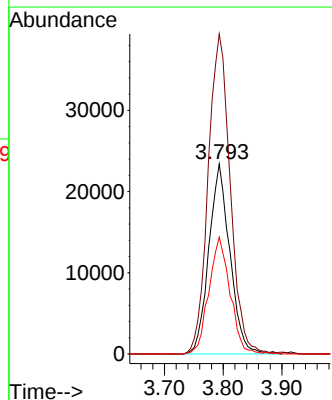
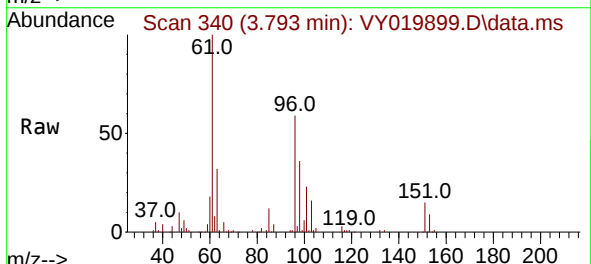
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 59 Resp: 32412  
Ion Ratio Lower Upper  
59 100  
57 9.5 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 18.766 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 96 Resp: 58385  
Ion Ratio Lower Upper  
96 100  
61 168.3 114.6 171.8  
98 61.4 50.8 76.2

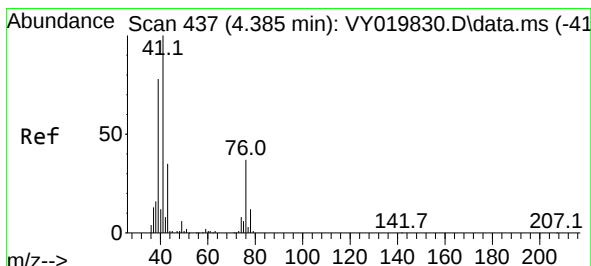
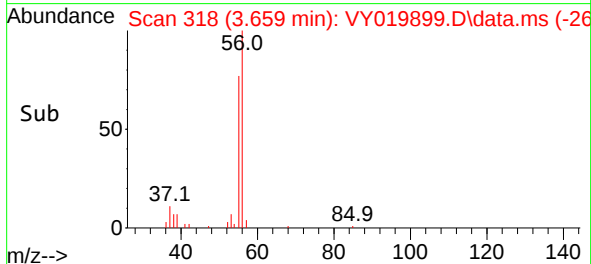
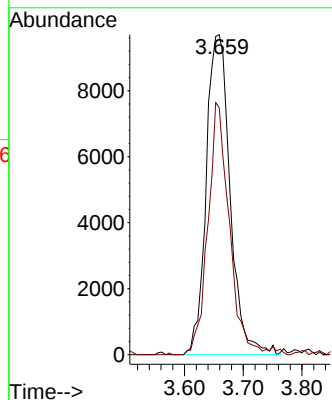
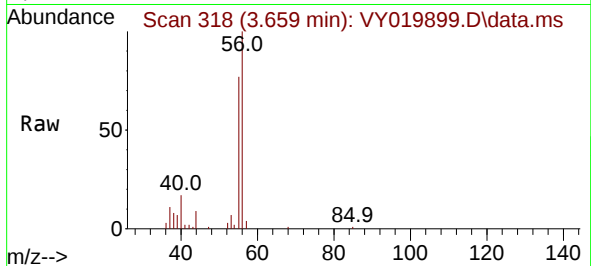




#13  
Acrolein  
Concen: 104.337 ug/l  
RT: 3.659 min Scan# 317  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

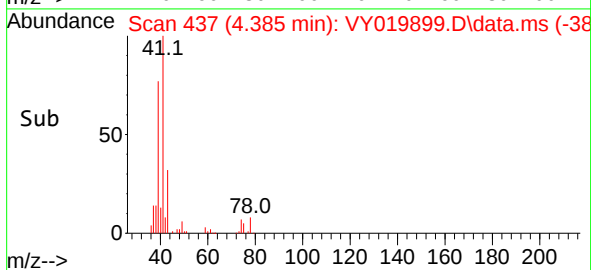
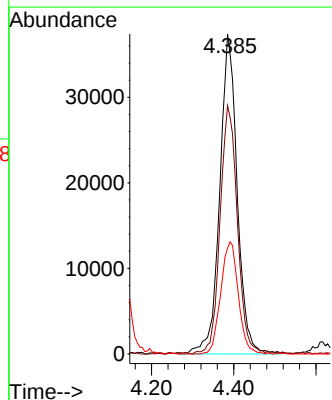
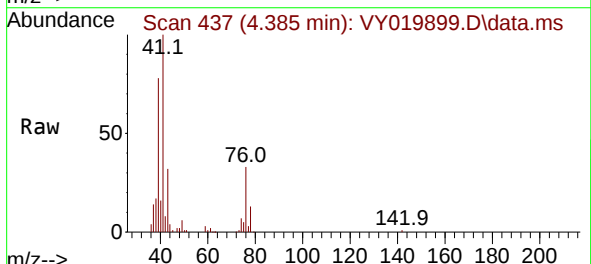
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 56 Resp: 27376  
Ion Ratio Lower Upper  
56 100  
55 69.9 55.7 83.5



#14  
Allyl chloride  
Concen: 19.640 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 41 Resp: 110248  
Ion Ratio Lower Upper  
41 100  
39 76.9 58.3 87.5  
76 35.2 39.0 58.6#

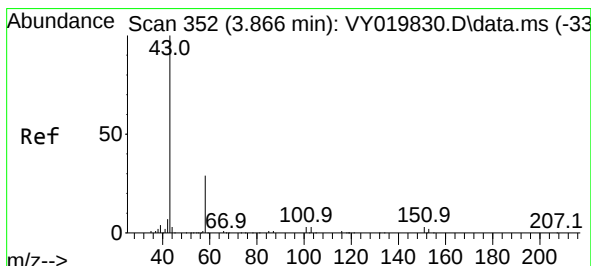
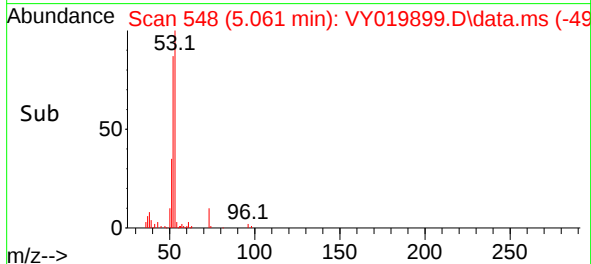
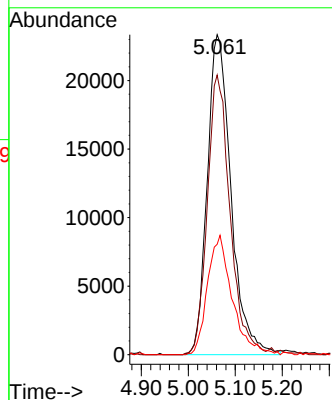
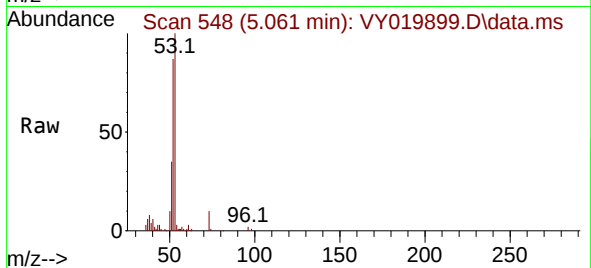




#15  
Acrylonitrile  
Concen: 102.653 ug/l  
RT: 5.061 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

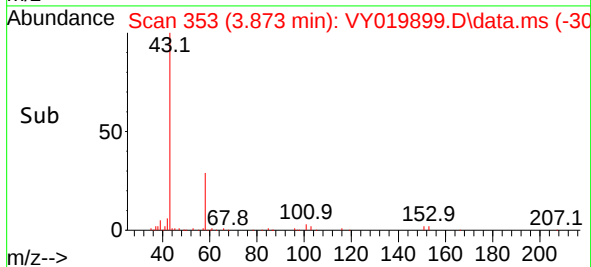
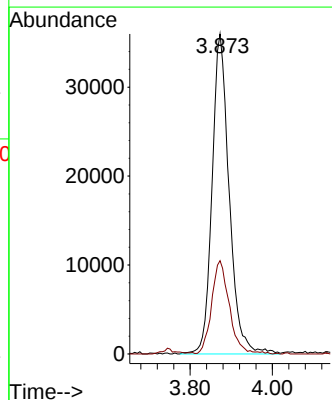
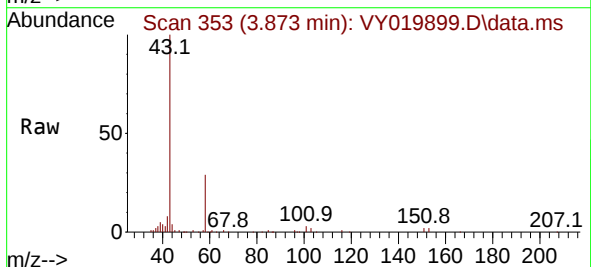
Instrument :  
MSVOA\_Y  
ClientSampleId :

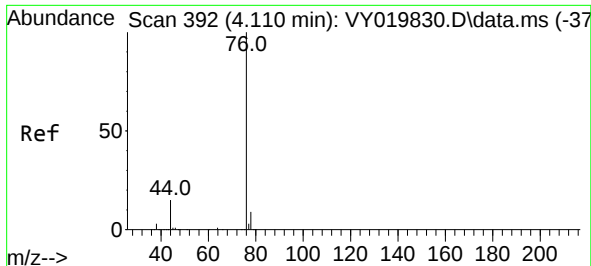
Tgt Ion: 53 Resp: 82101  
Ion Ratio Lower Upper  
53 100  
52 83.4 64.7 97.1  
51 38.8 28.4 42.6



#16  
Acetone  
Concen: 111.978 ug/l  
RT: 3.873 min Scan# 353  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 43 Resp: 104087  
Ion Ratio Lower Upper  
43 100  
58 29.1 31.7 47.5#

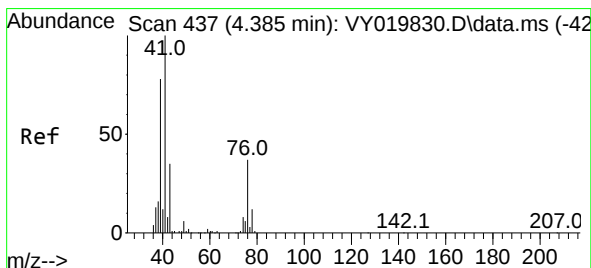
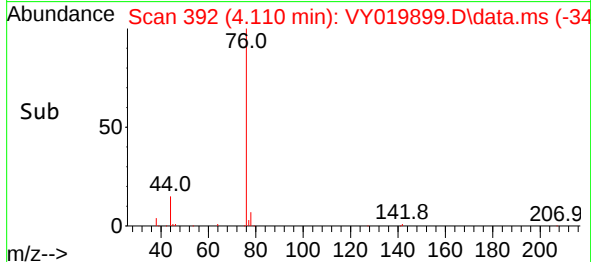
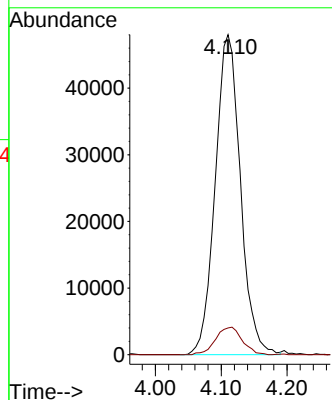
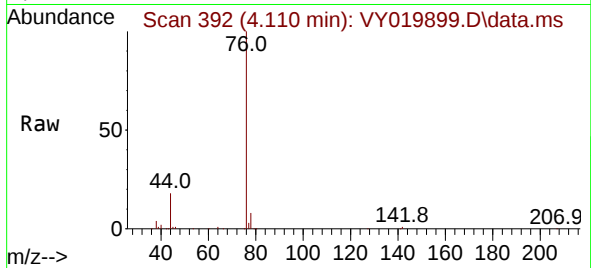




#17  
Carbon Disulfide  
Concen: 15.335 ug/l  
RT: 4.110 min Scan# 392  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

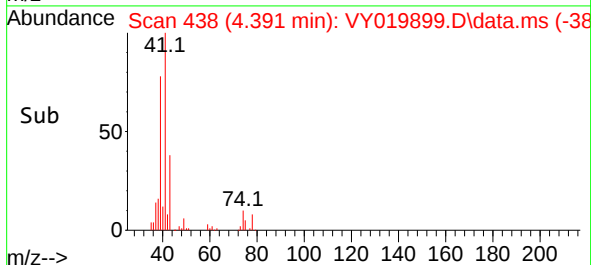
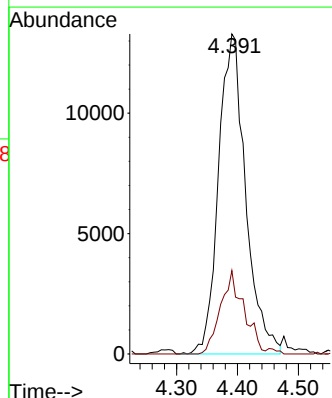
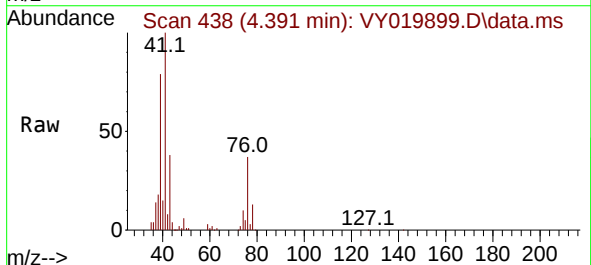
Instrument :  
MSVOA\_Y  
ClientSampleId :

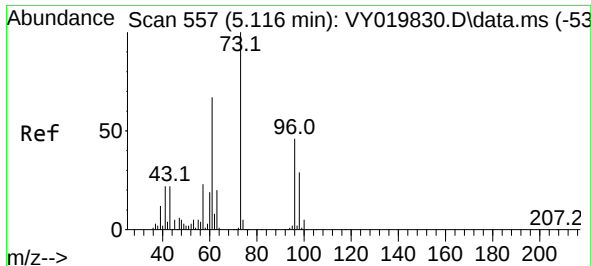
Tgt Ion: 76 Resp: 127878  
Ion Ratio Lower Upper  
76 100  
78 8.4 6.8 10.2



#18  
Methyl Acetate  
Concen: 20.467 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 43 Resp: 40983  
Ion Ratio Lower Upper  
43 100  
74 22.5 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 20.629 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

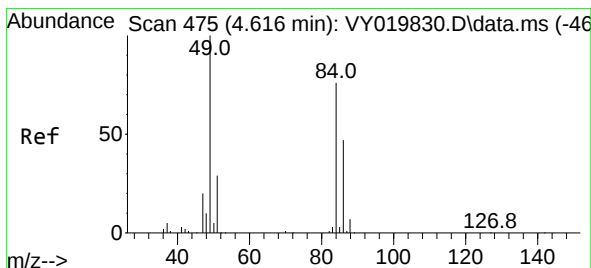
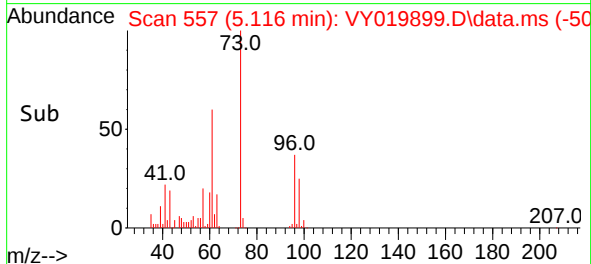
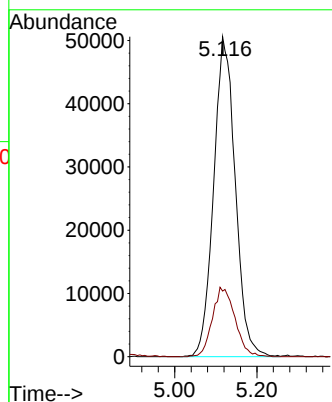
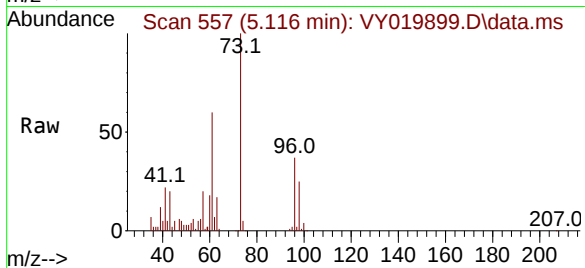
ClientSampleId :

Tgt Ion: 73 Resp: 184383

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 21.661 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Tgt Ion: 84 Resp: 75965

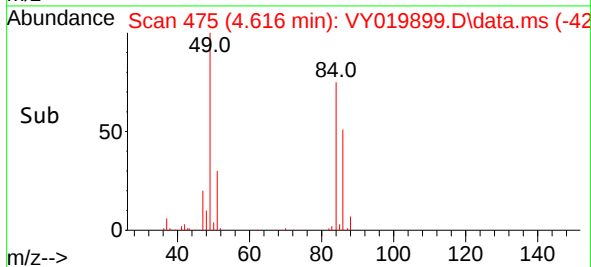
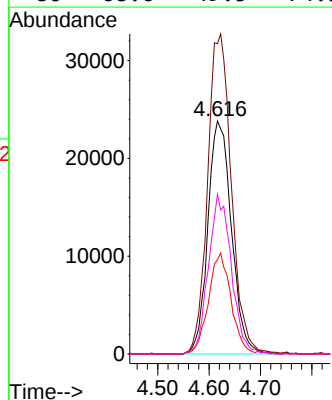
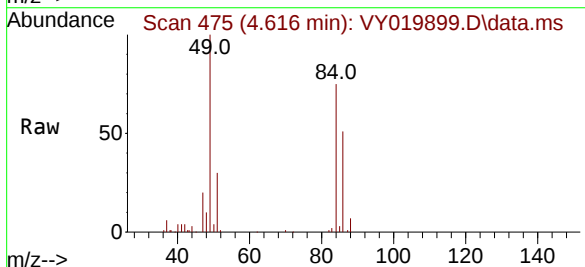
Ion Ratio Lower Upper

84 100

49 133.2 84.4 126.6#

51 40.5 26.0 39.0#

86 68.6 49.5 74.3

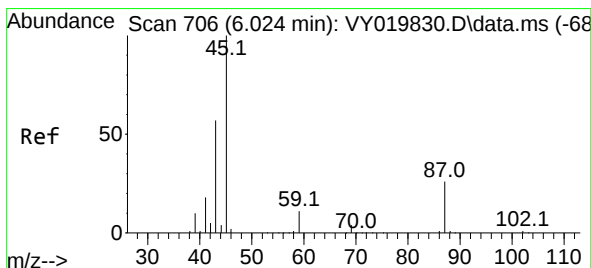
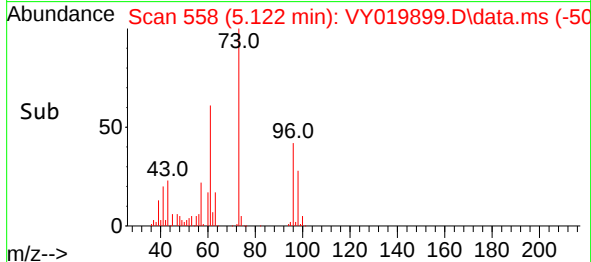
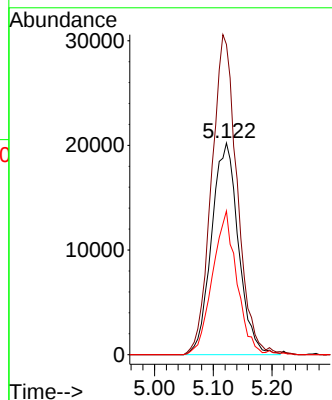
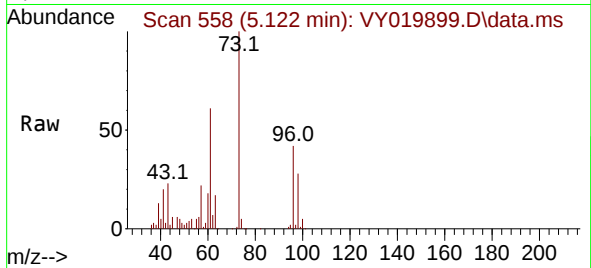




#21  
trans-1,2-Dichloroethene  
Concen: 18.958 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. 0.013 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

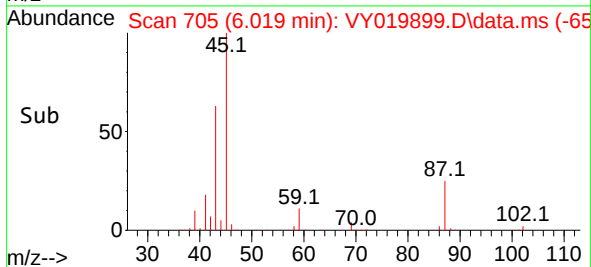
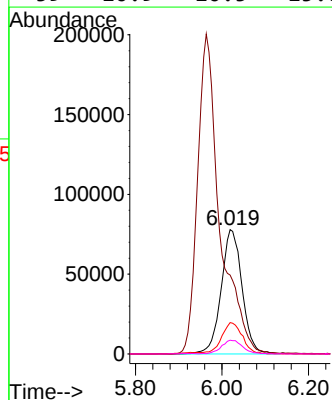
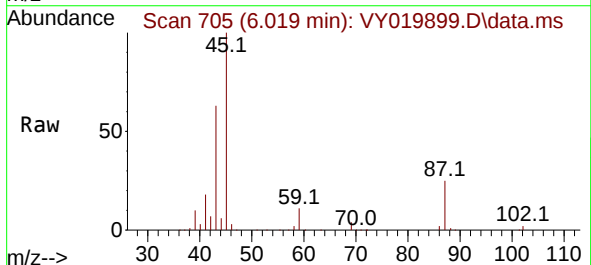
Instrument :  
MSVOA\_Y  
ClientSampleId :

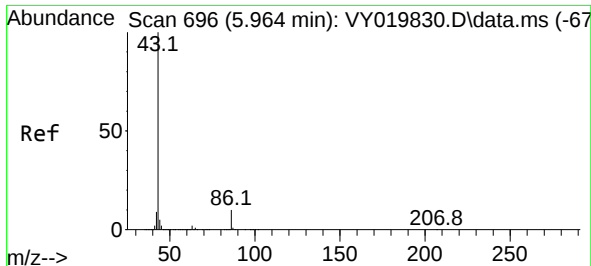
Tgt Ion: 96 Resp: 64193  
Ion Ratio Lower Upper  
96 100  
61 146.5 97.5 146.3#  
98 67.9 50.5 75.7



#22  
Diisopropyl ether  
Concen: 21.410 ug/l  
RT: 6.019 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 45 Resp: 261787  
Ion Ratio Lower Upper  
45 100  
43 62.9 42.2 63.2  
87 25.2 25.0 37.6  
59 10.9 10.5 15.7

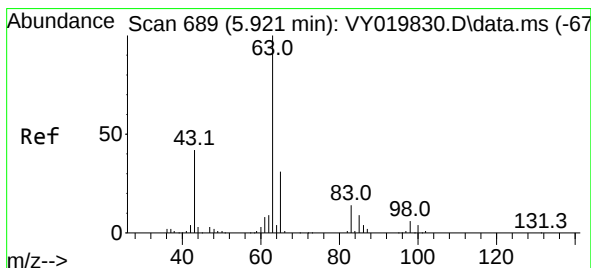
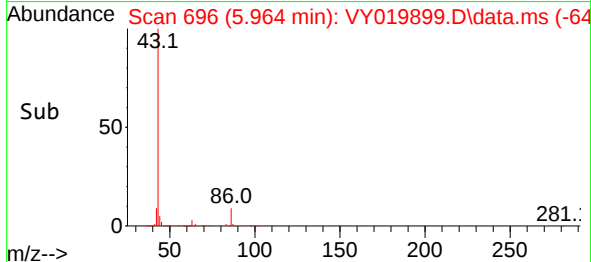
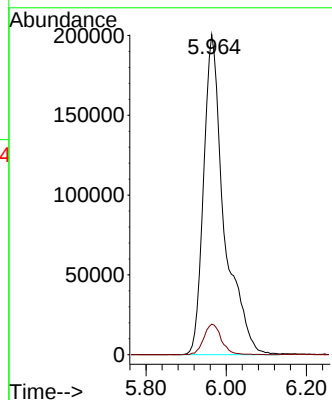
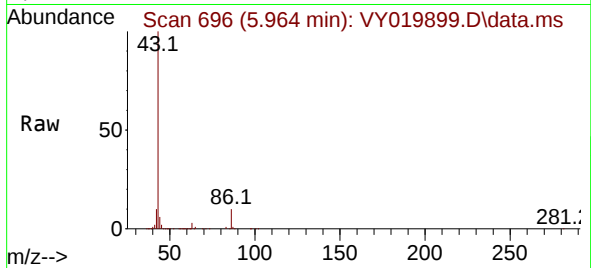




#23  
 Vinyl Acetate  
 Concen: 101.824 ug/l  
 RT: 5.964 min Scan# 696  
 Delta R.T. 0.006 min  
 Lab File: VY019899.D  
 Acq: 15 Oct 2024 12:41

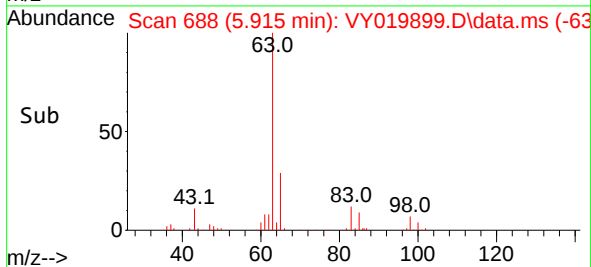
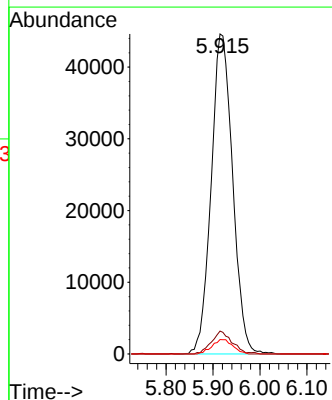
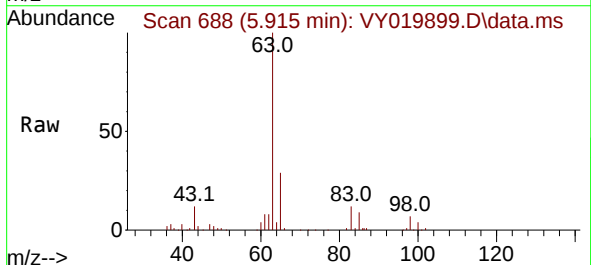
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 713739  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 10.6 16.0#



#24  
 1,1-Dichloroethane  
 Concen: 20.834 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. 0.000 min  
 Lab File: VY019899.D  
 Acq: 15 Oct 2024 12:41

Tgt Ion: 63 Resp: 141601  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 4.0 12.2  
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 111.050 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

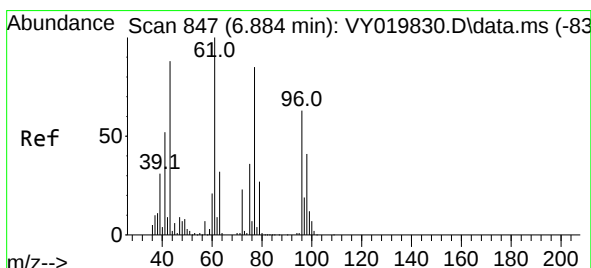
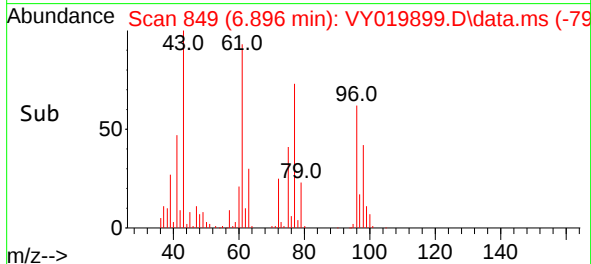
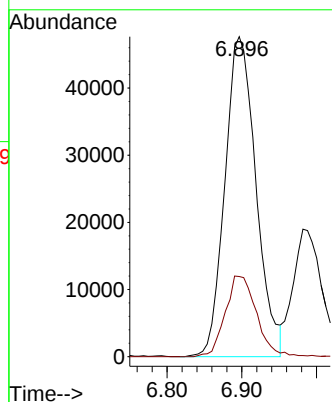
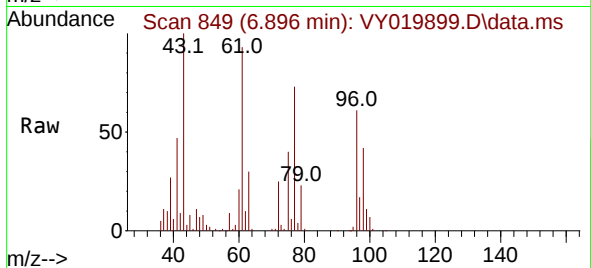
ClientSampleId :

Tgt Ion: 43 Resp: 138169

Ion Ratio Lower Upper

43 100

72 25.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 19.964 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY019899.D

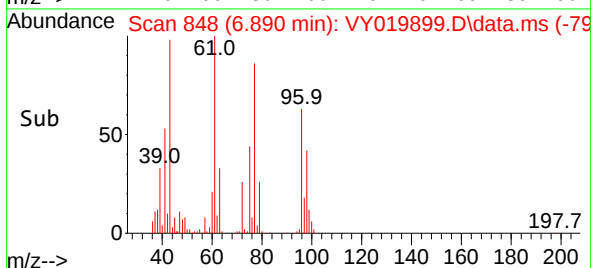
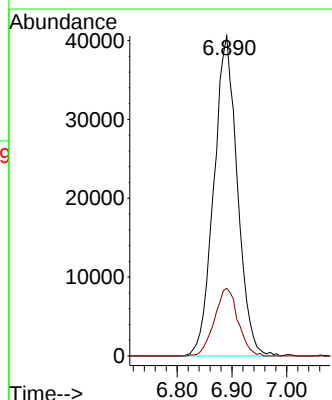
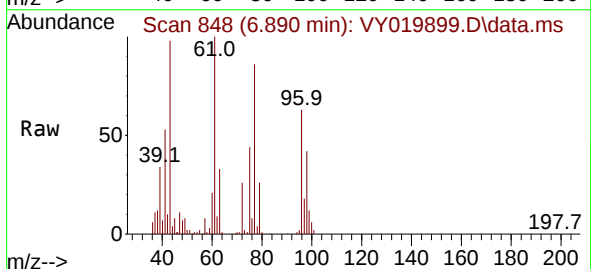
Acq: 15 Oct 2024 12:41

Tgt Ion: 77 Resp: 120841

Ion Ratio Lower Upper

77 100

97 21.2 12.0 36.1

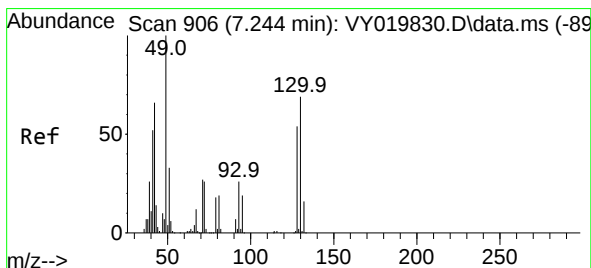
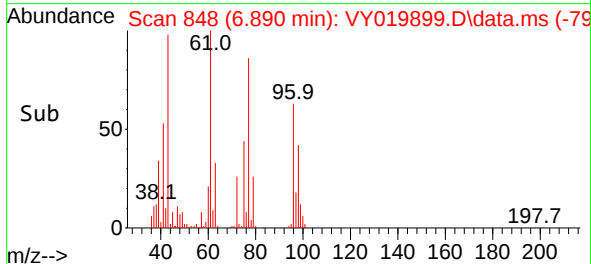
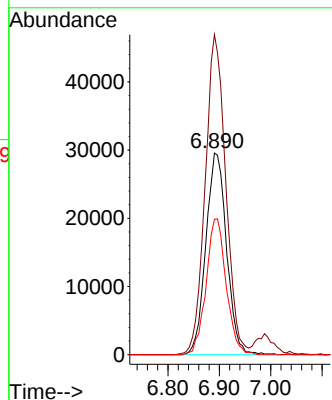
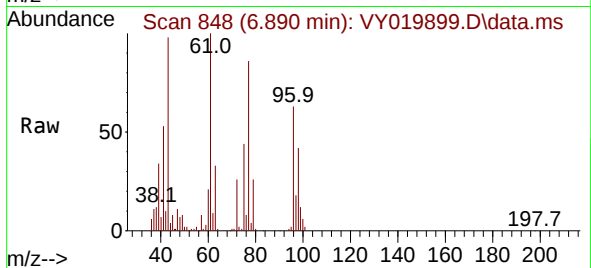




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.774 ug/l  
 RT: 6.890 min Scan# 848  
 Delta R.T. 0.000 min  
 Lab File: VY019899.D  
 Acq: 15 Oct 2024 12:41

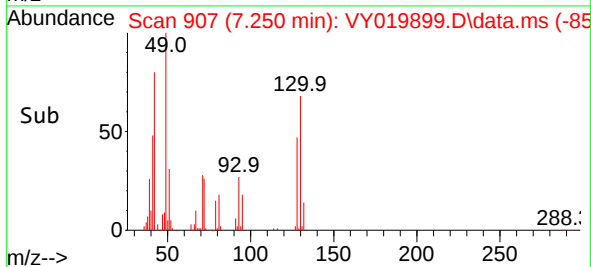
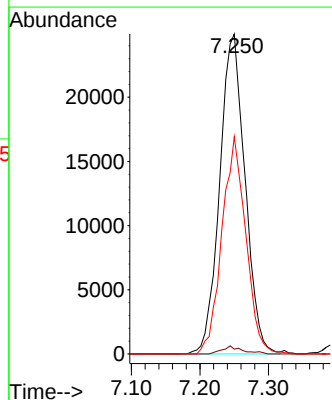
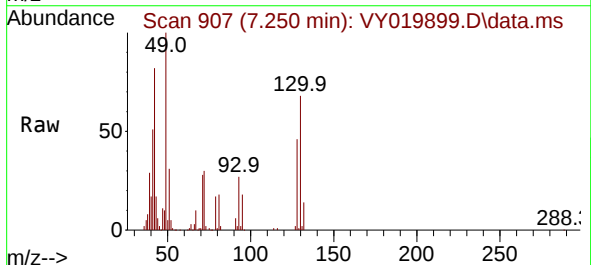
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

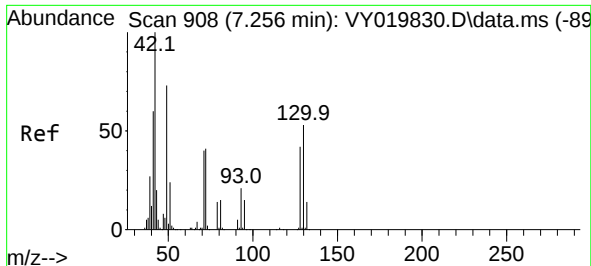
Tgt Ion: 96 Resp: 82744  
 Ion Ratio Lower Upper  
 96 100  
 61 157.3 0.0 256.2  
 98 65.3 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 21.374 ug/l  
 RT: 7.250 min Scan# 907  
 Delta R.T. 0.006 min  
 Lab File: VY019899.D  
 Acq: 15 Oct 2024 12:41

Tgt Ion: 49 Resp: 63941  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.6  
 130 64.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 104.393 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :

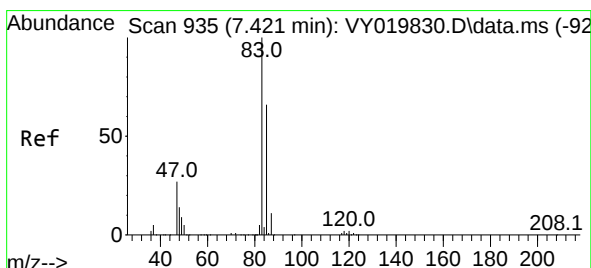
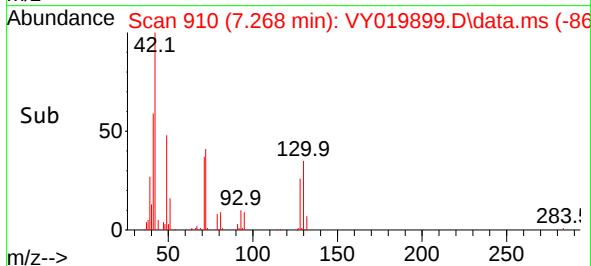
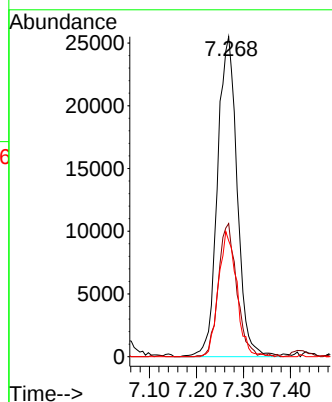
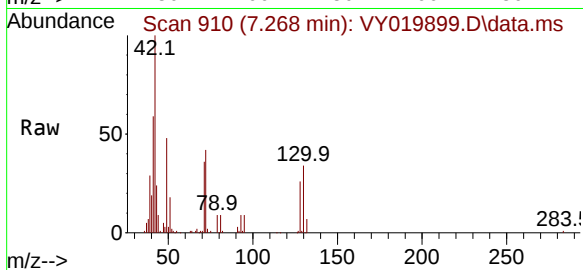
Tgt Ion: 42 Resp: 74162

Ion Ratio Lower Upper

42 100

72 39.1 43.0 64.4#

71 36.5 40.8 61.2#



#30

Chloroform

Concen: 21.251 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019899.D

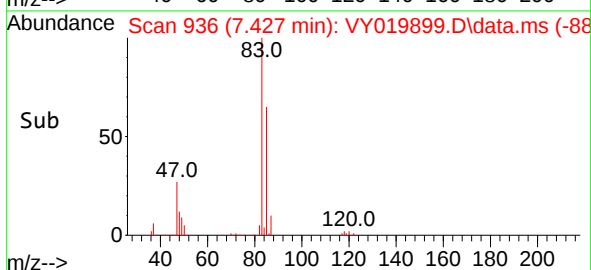
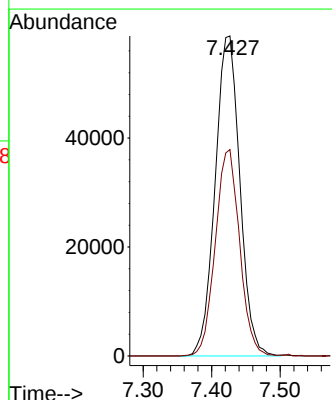
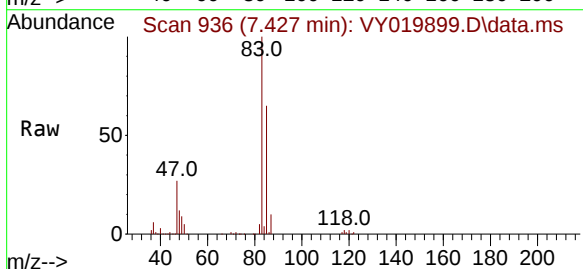
Acq: 15 Oct 2024 12:41

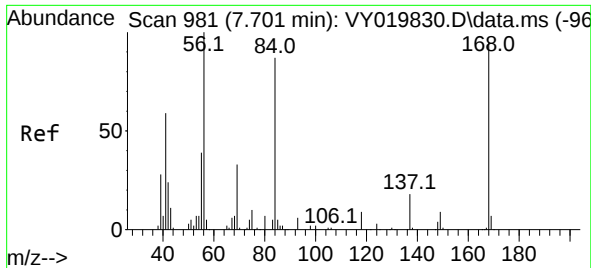
Tgt Ion: 83 Resp: 147240

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.4

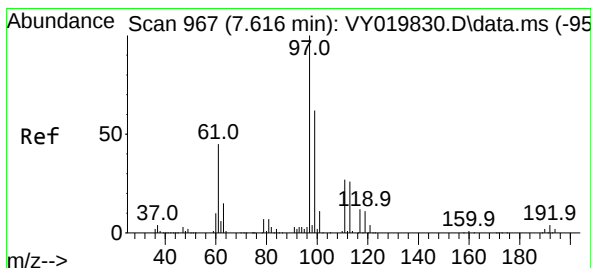
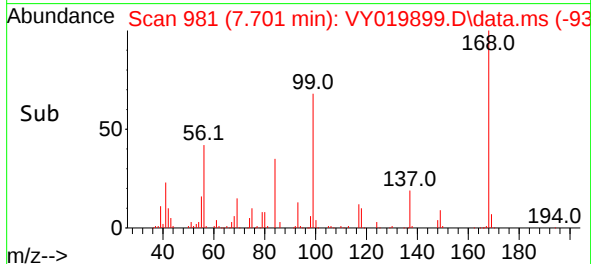
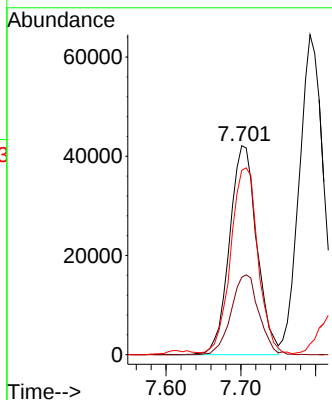
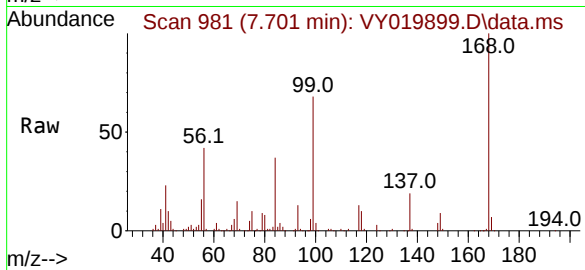




#31  
Cyclohexane  
Concen: 17.948 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

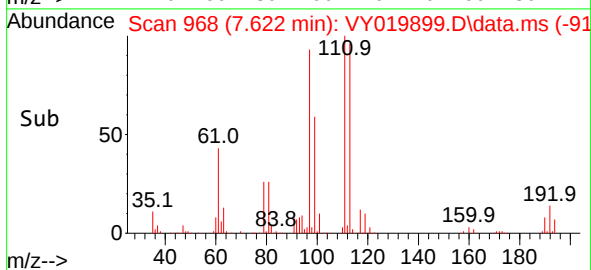
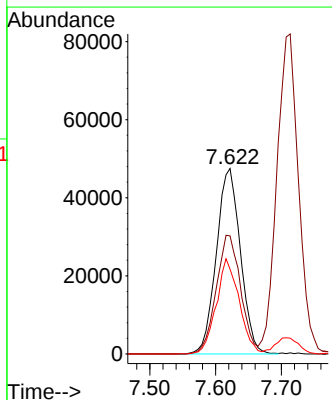
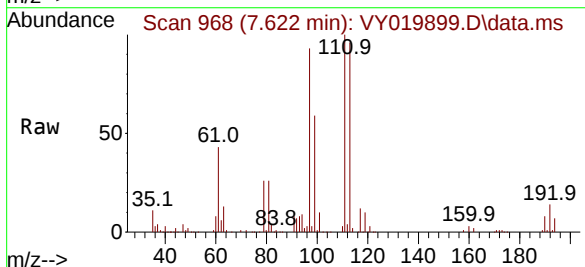
Instrument :  
MSVOA\_Y  
ClientSampleId :

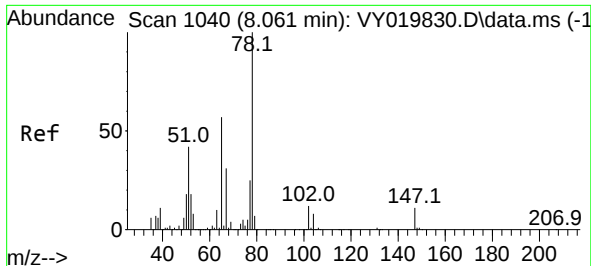
Tgt Ion: 56 Resp: 107083  
Ion Ratio Lower Upper  
56 100  
69 37.1 28.7 43.1  
84 86.3 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 19.953 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 97 Resp: 121152  
Ion Ratio Lower Upper  
97 100  
99 65.0 50.3 75.5  
61 48.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.527 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

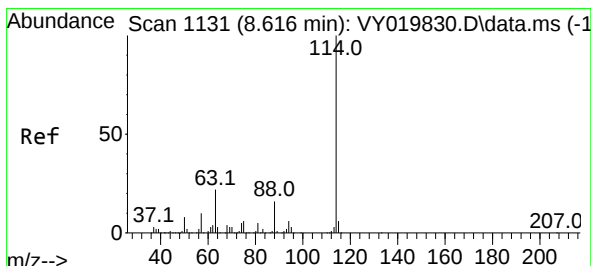
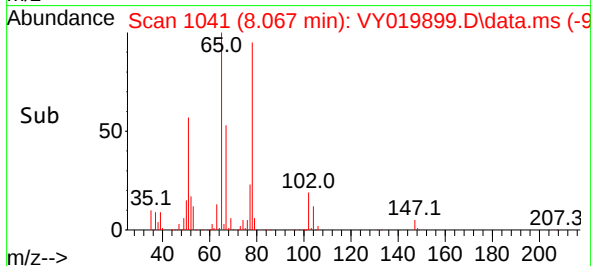
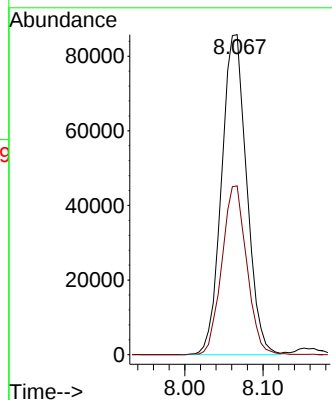
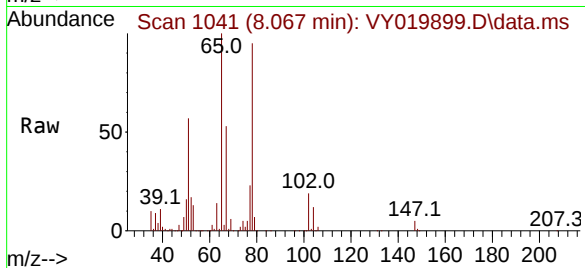
ClientSampleId :

Tgt Ion: 65 Resp: 191133

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

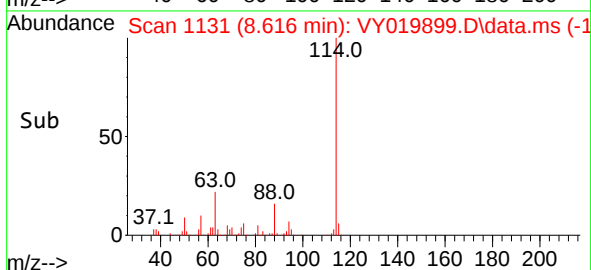
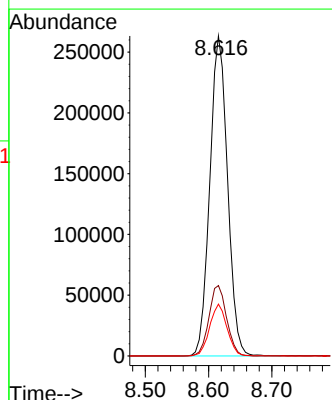
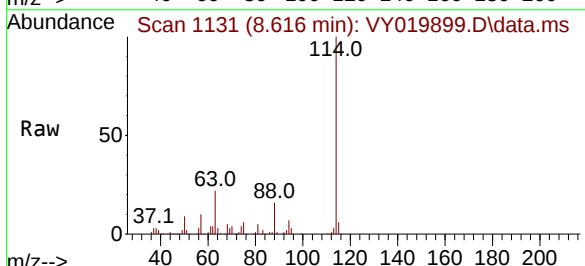
Tgt Ion: 114 Resp: 512639

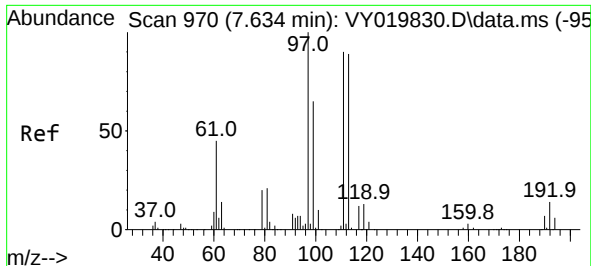
Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

88 16.2 0.0 27.2

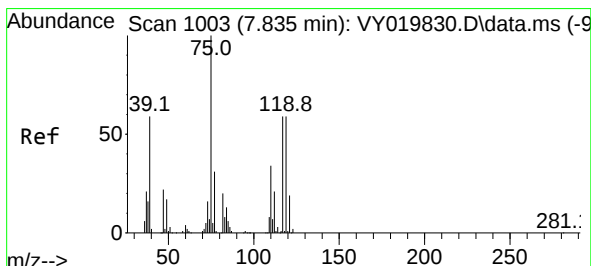
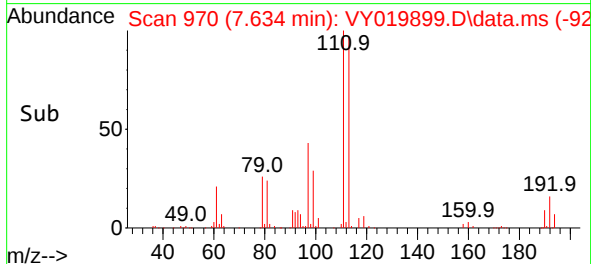
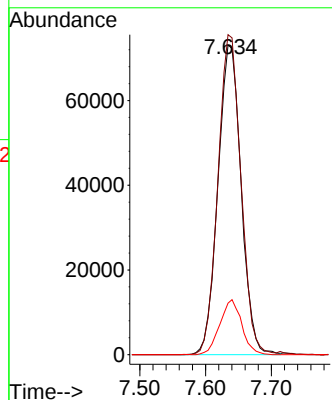
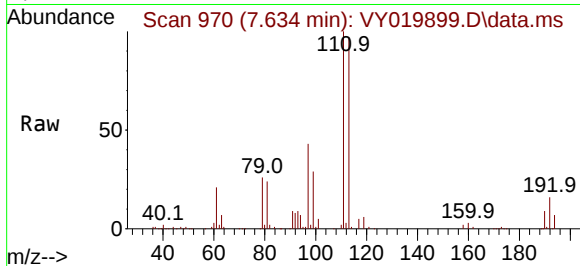




#35  
Dibromofluoromethane  
Concen: 53.068 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

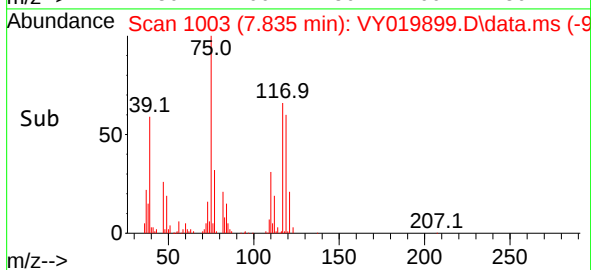
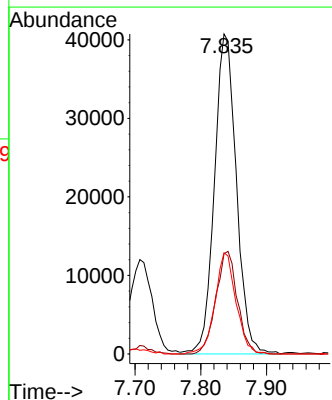
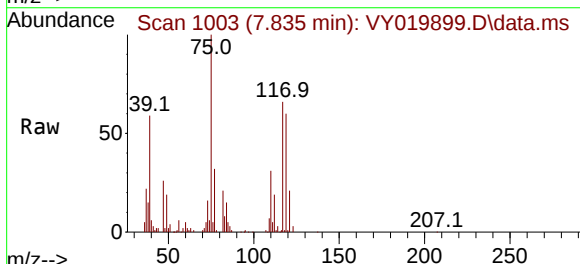
Instrument :  
MSVOA\_Y  
ClientSampleId :

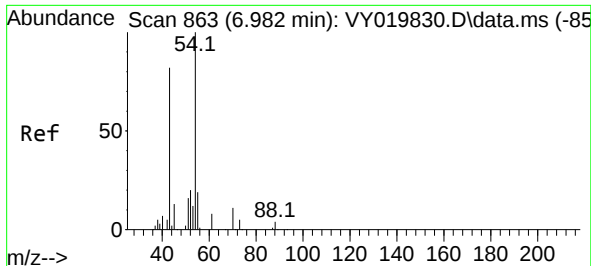
Tgt Ion:113 Resp: 179522  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.2 123.4  
192 16.8 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 19.451 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 75 Resp: 94796  
Ion Ratio Lower Upper  
75 100  
110 31.4 19.0 57.0  
77 30.3 25.3 37.9





#37

Ethyl Acetate

Concen: 20.626 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :

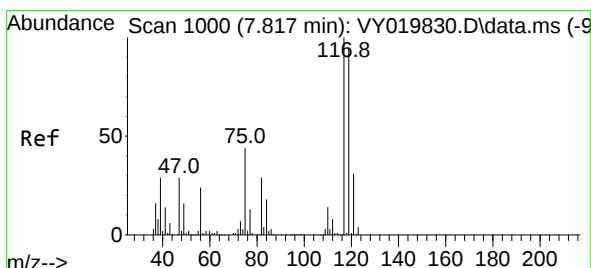
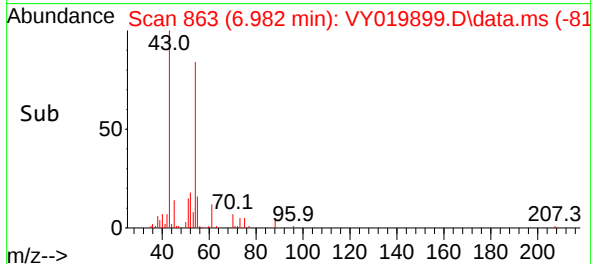
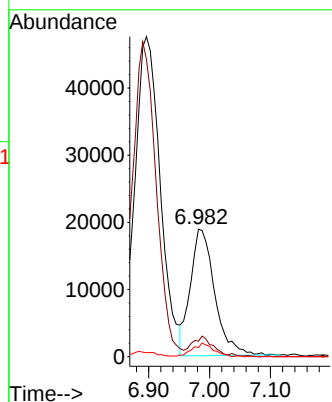
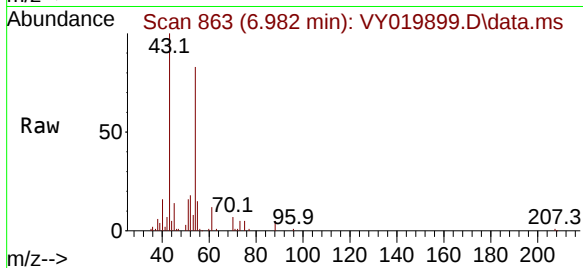
Tgt Ion: 43 Resp: 52416

Ion Ratio Lower Upper

43 100

61 11.8 12.6 19.0#

70 9.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.025 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

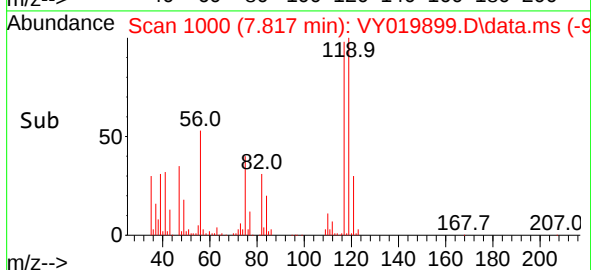
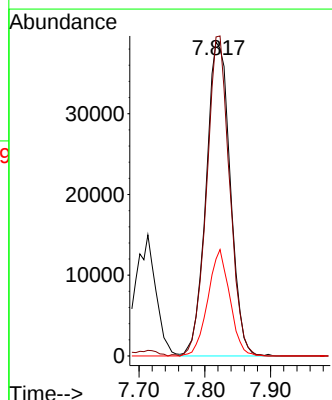
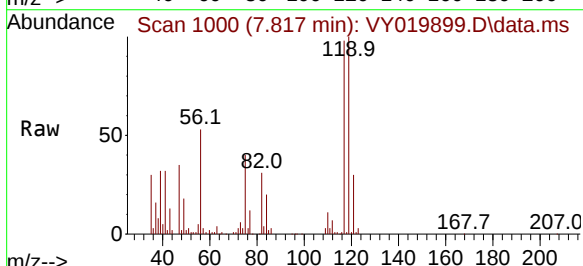
Tgt Ion: 117 Resp: 99400

Ion Ratio Lower Upper

117 100

119 101.6 75.8 113.6

121 30.9 24.0 36.0





#39

Methylcyclohexane

Concen: 17.782 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

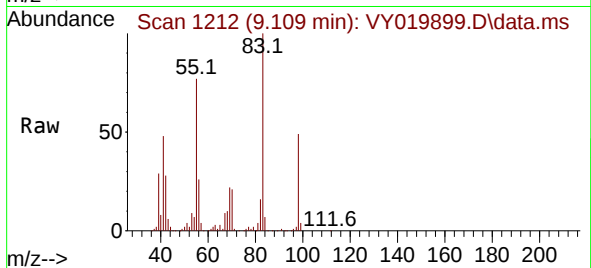
Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :



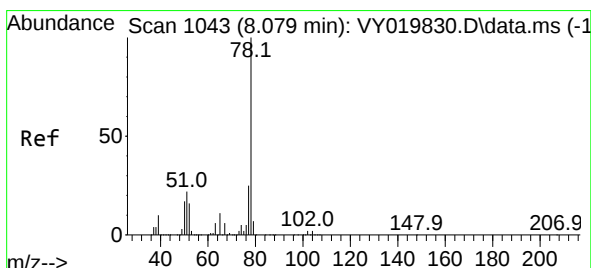
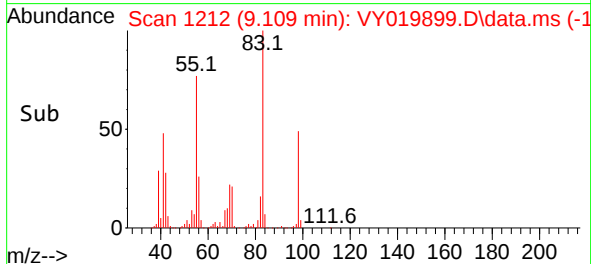
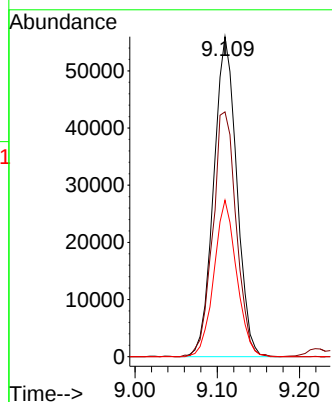
Tgt Ion: 83 Resp: 109195

Ion Ratio Lower Upper

83 100

55 76.5 51.5 77.3

98 48.9 40.5 60.7



#40

Benzene

Concen: 20.004 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019899.D

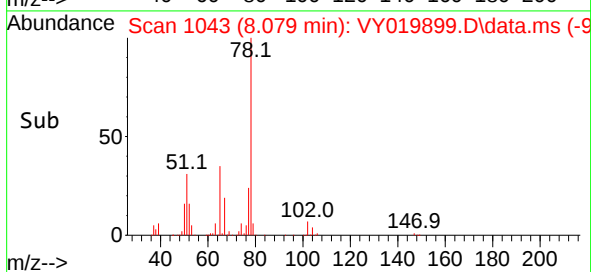
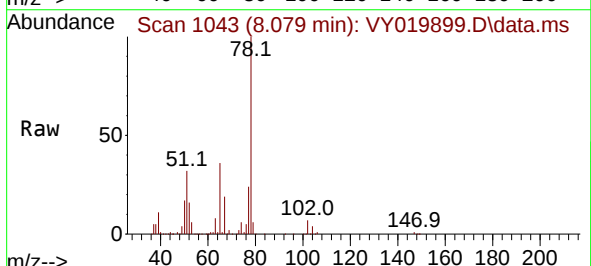
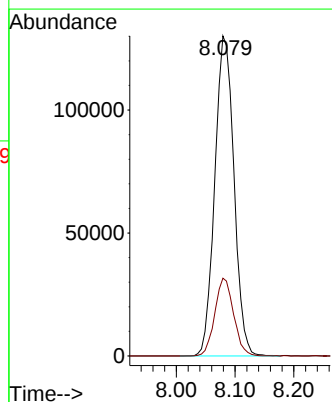
Acq: 15 Oct 2024 12:41

Tgt Ion: 78 Resp: 295049

Ion Ratio Lower Upper

78 100

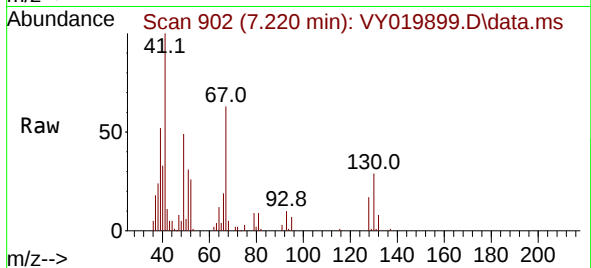
77 24.3 19.5 29.3



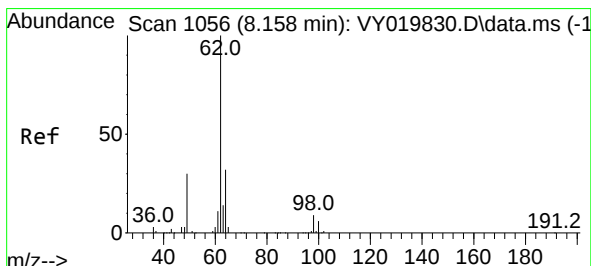
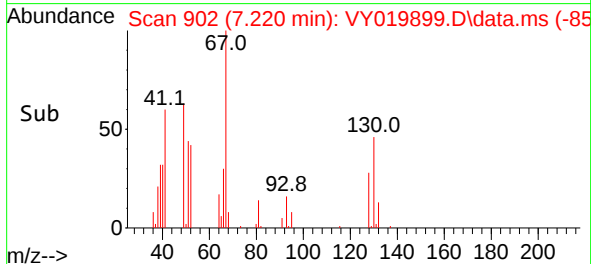
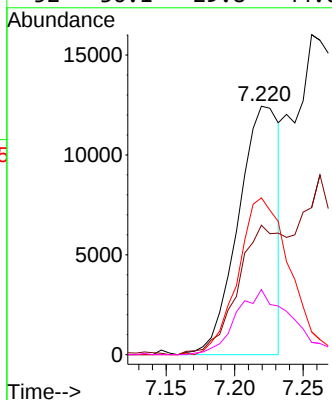


#41  
Methacrylonitrile  
Concen: 18.742 ug/l  
RT: 7.220 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Instrument :  
MSVOA\_Y  
ClientSampleId :

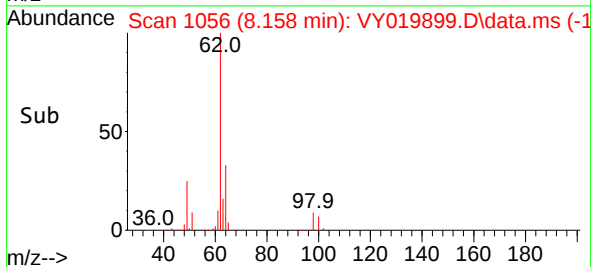
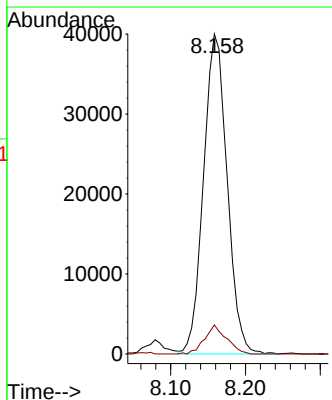
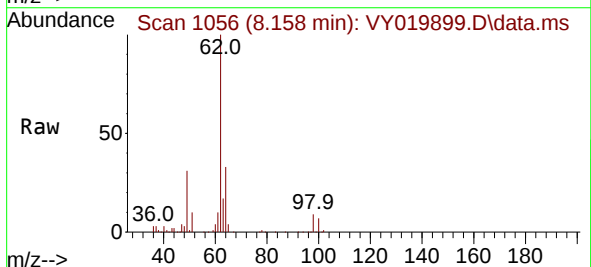


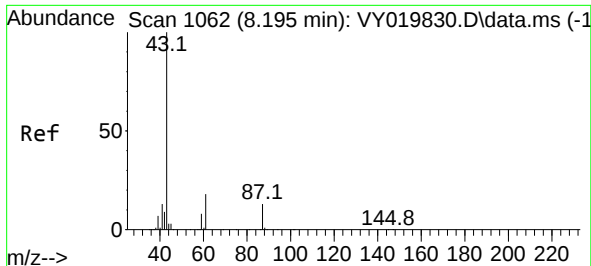
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 25778 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.7  | 48.0  | 72.0  |
| 67       | 81.3  | 75.1  | 112.7 |
| 52       | 36.1  | 29.8  | 44.6  |



#42  
1,2-Dichloroethane  
Concen: 20.760 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 87969 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.4   | 0.0   | 22.0  |

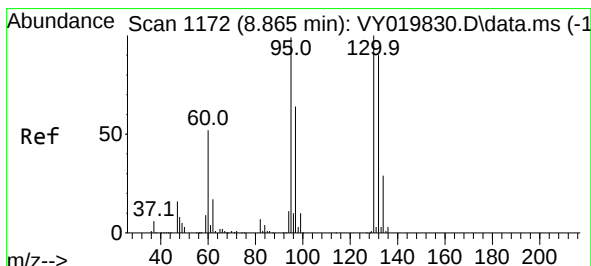
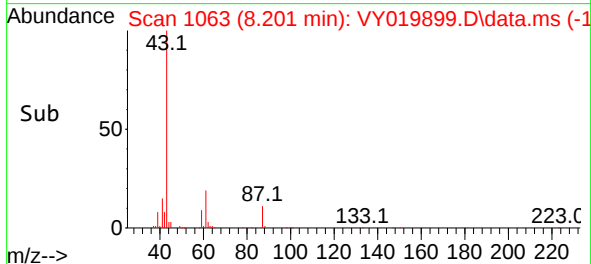
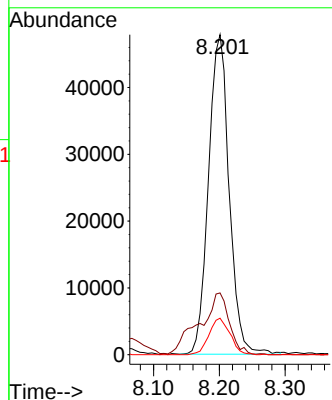
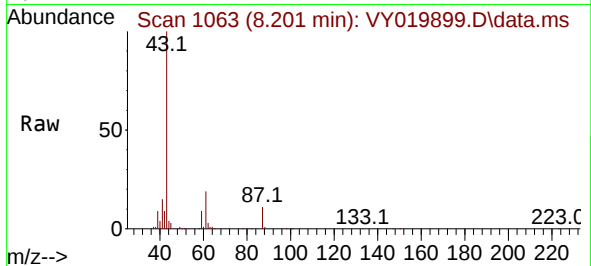




#43  
Isopropyl Acetate  
Concen: 20.169 ug/l  
RT: 8.201 min Scan# 1063  
Delta R.T. 0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

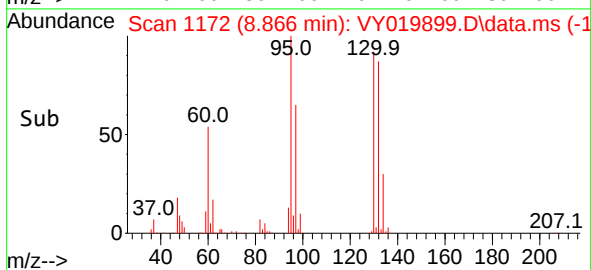
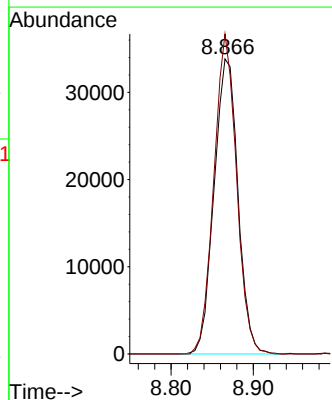
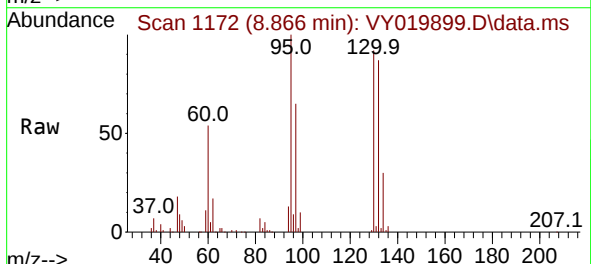
Instrument :  
MSVOA\_Y  
ClientSampleId :

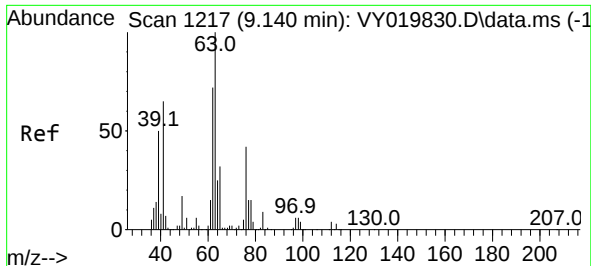
Tgt Ion: 43 Resp: 104528  
Ion Ratio Lower Upper  
43 100  
61 28.1 27.9 41.9  
87 11.6 13.1 19.7#



#44  
Trichloroethene  
Concen: 19.141 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion:130 Resp: 68378  
Ion Ratio Lower Upper  
130 100  
95 108.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.421 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

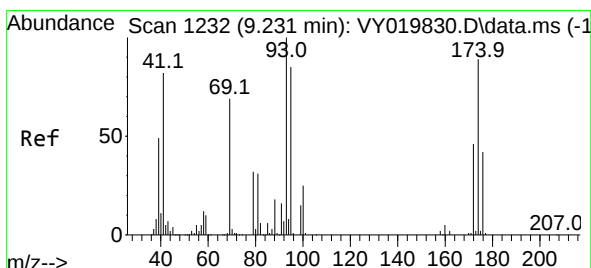
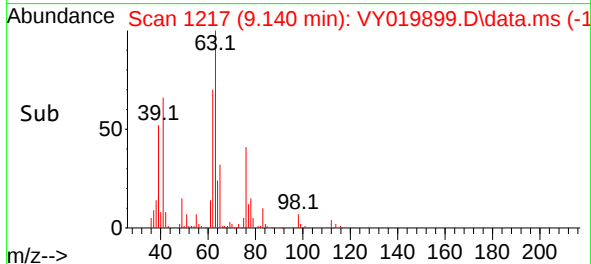
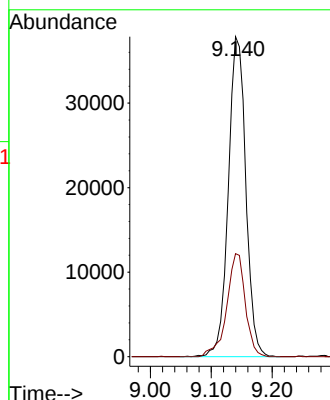
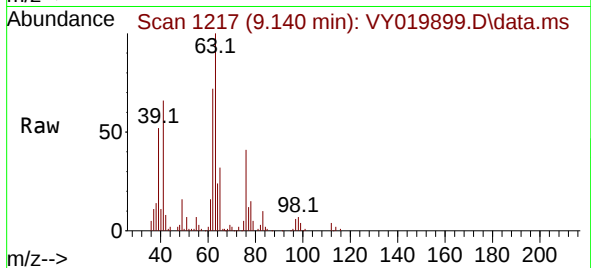
ClientSampleId :

Tgt Ion: 63 Resp: 75387

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 19.639 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

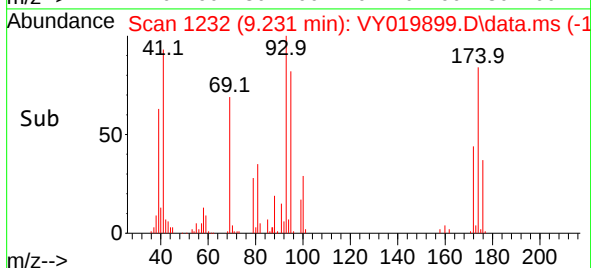
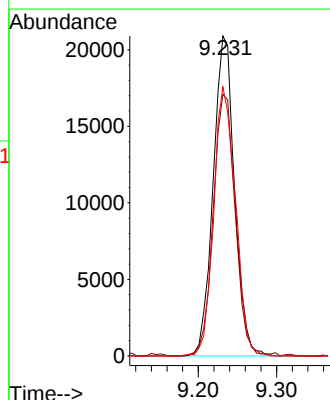
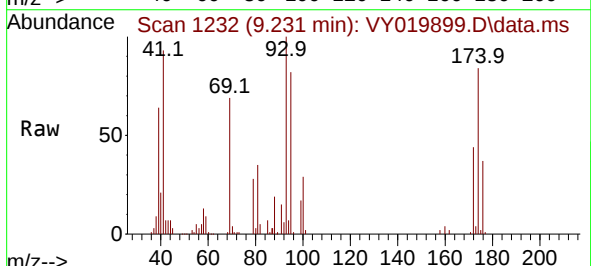
Tgt Ion: 93 Resp: 39611

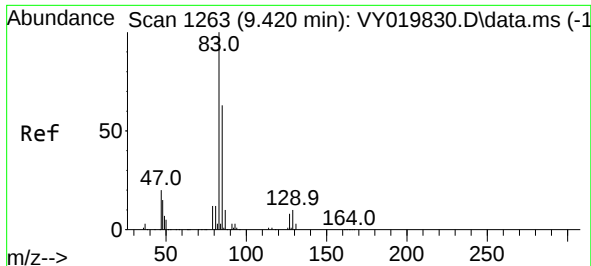
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 85.4 80.9 121.3

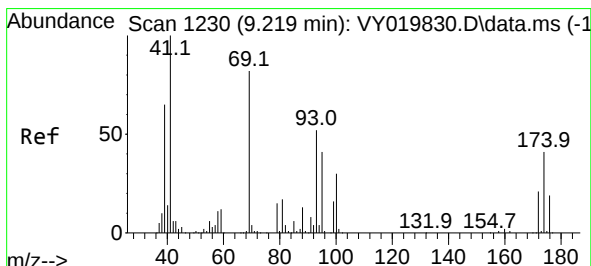
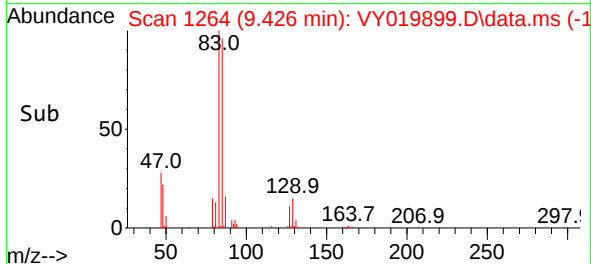
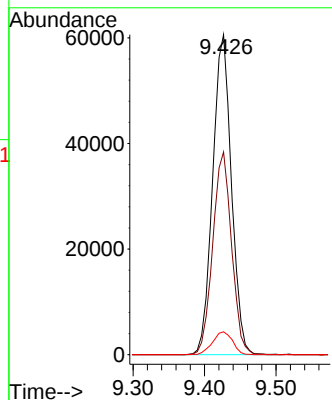
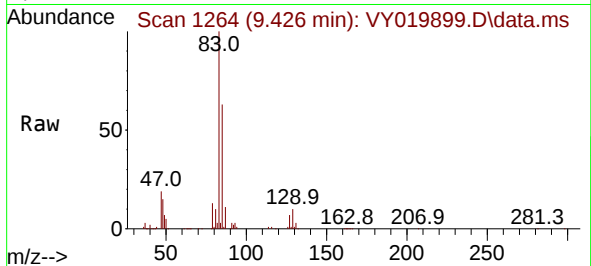




#47  
Bromodichloromethane  
Concen: 20.571 ug/l  
RT: 9.426 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

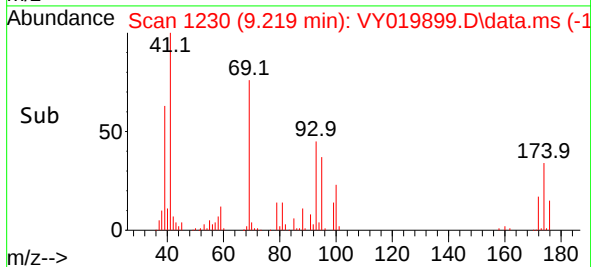
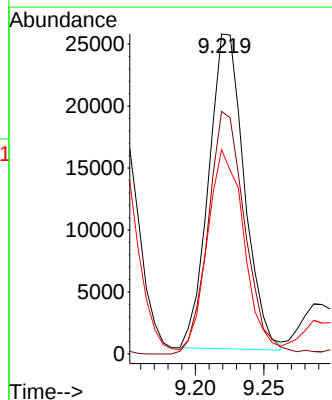
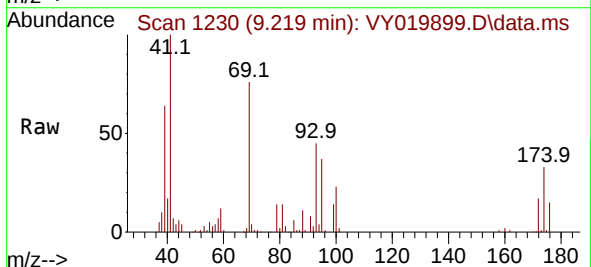
Instrument :  
MSVOA\_Y  
ClientSampleId :

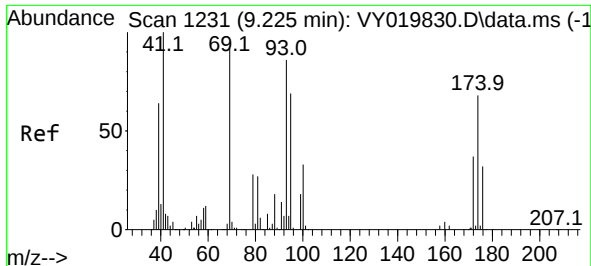
Tgt Ion: 83 Resp: 110133  
Ion Ratio Lower Upper  
83 100  
85 63.3 50.1 75.1  
127 7.2 7.4 11.0#



#48  
Methyl methacrylate  
Concen: 20.171 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 41 Resp: 45984  
Ion Ratio Lower Upper  
41 100  
69 79.8 84.1 126.1#  
39 65.7 43.6 65.4#





#49

1,4-Dioxane

Concen: 413.424 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

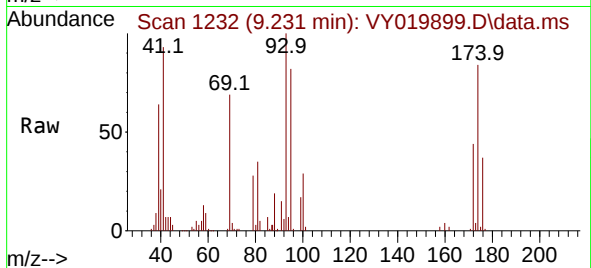
Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :



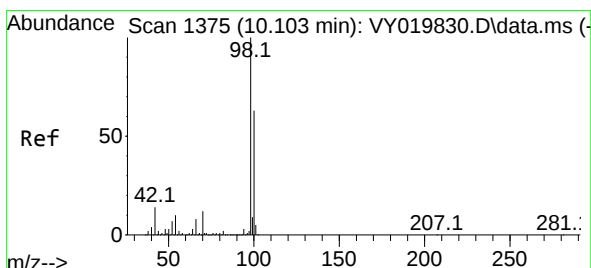
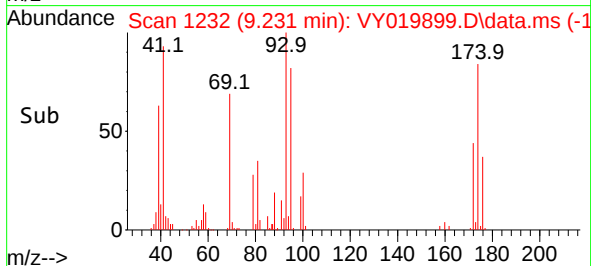
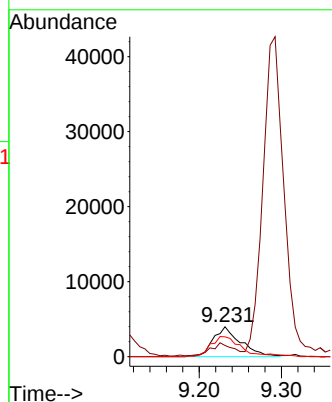
Tgt Ion: 88 Resp: 9333

Ion Ratio Lower Upper

88 100

43 33.2 0.0 0.0#

58 75.5 49.3 73.9#



#50

Toluene-d8

Concen: 51.961 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019899.D

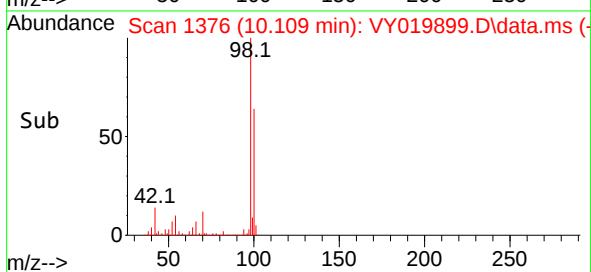
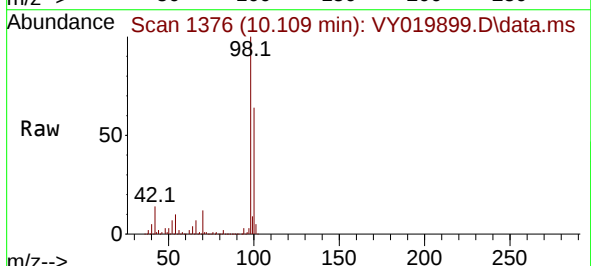
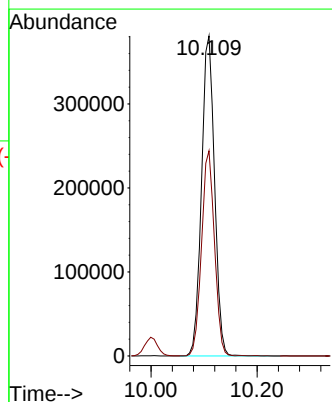
Acq: 15 Oct 2024 12:41

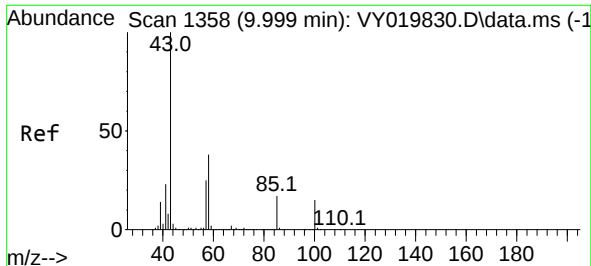
Tgt Ion: 98 Resp: 649118

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 105.886 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

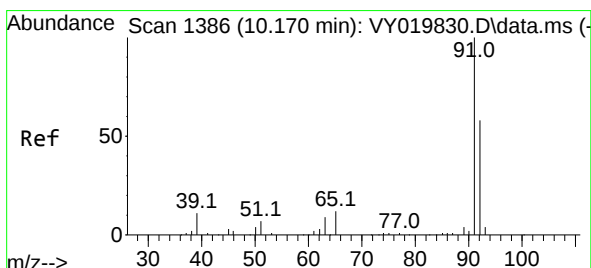
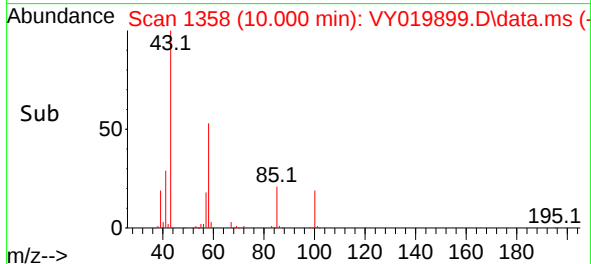
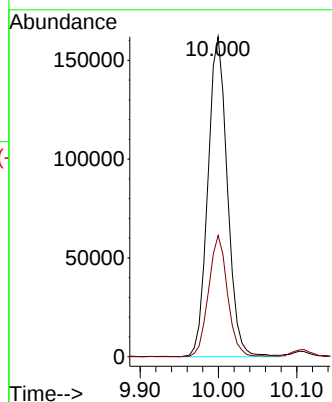
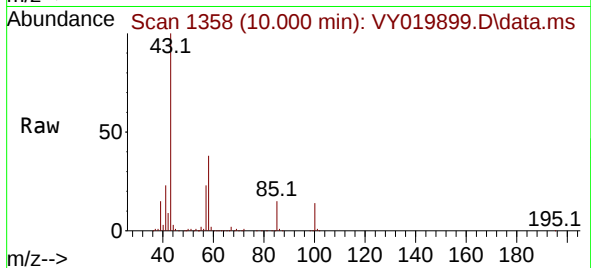
ClientSampleId :

Tgt Ion: 43 Resp: 279910

Ion Ratio Lower Upper

43 100

58 36.9 35.7 53.5



#52

Toluene

Concen: 19.971 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019899.D

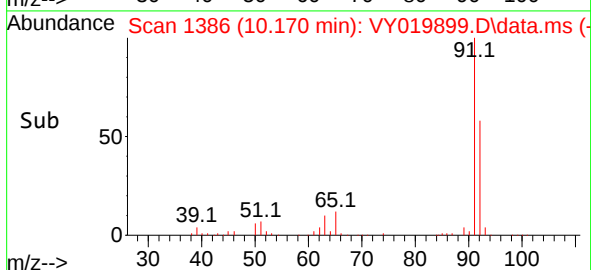
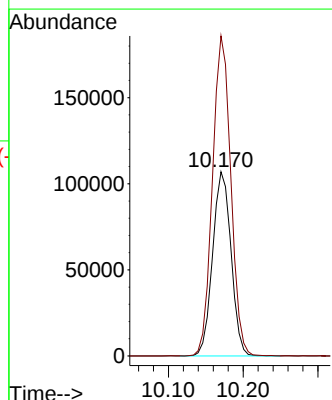
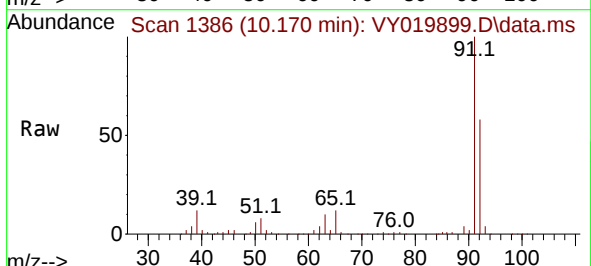
Acq: 15 Oct 2024 12:41

Tgt Ion: 92 Resp: 183868

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.6

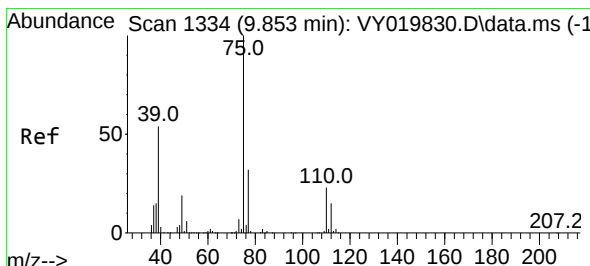
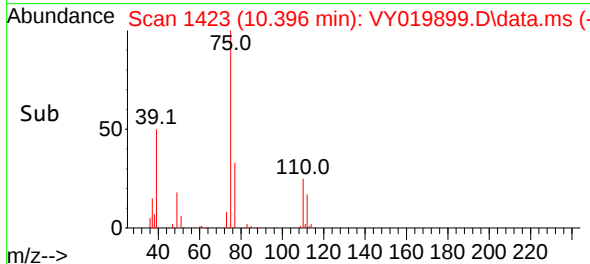
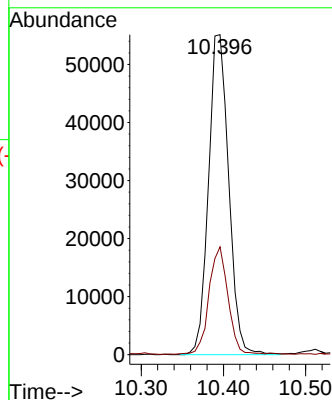
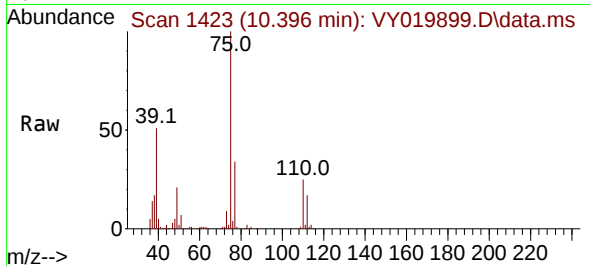




#53  
 t-1,3-Dichloropropene  
 Concen: 19.529 ug/l  
 RT: 10.396 min Scan# 1422  
 Delta R.T. 0.000 min  
 Lab File: VY019899.D  
 Acq: 15 Oct 2024 12:41

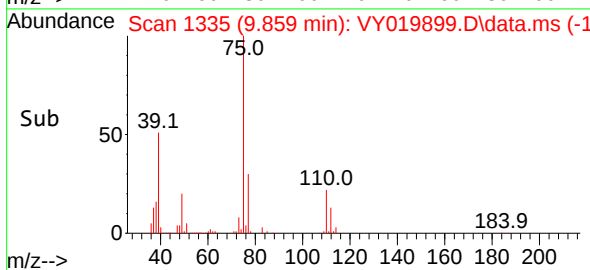
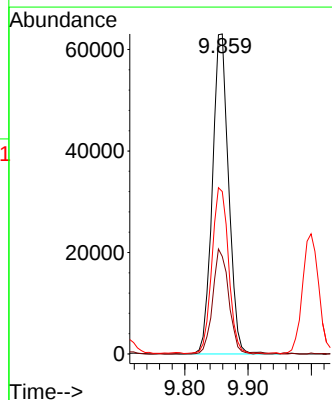
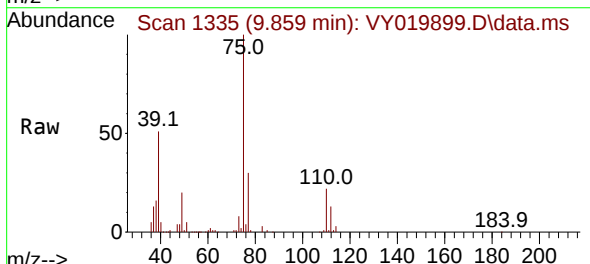
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

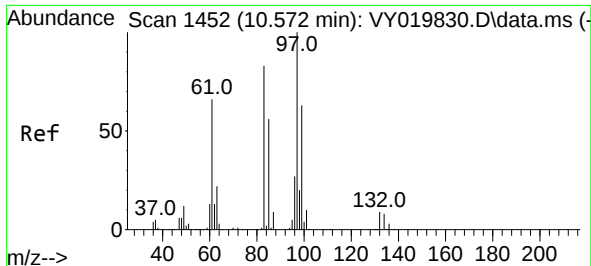
Tgt Ion: 75 Resp: 94071  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.740 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. 0.000 min  
 Lab File: VY019899.D  
 Acq: 15 Oct 2024 12:41

Tgt Ion: 75 Resp: 112202  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 25.4 38.0  
 39 50.6 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.886 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 55503

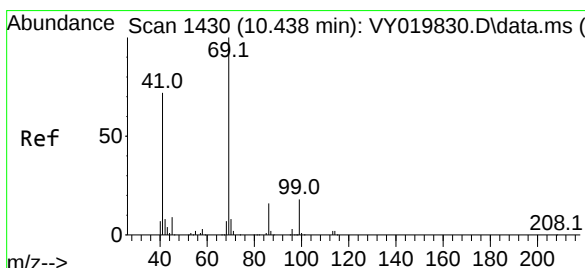
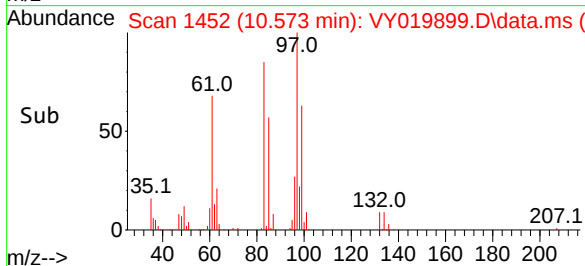
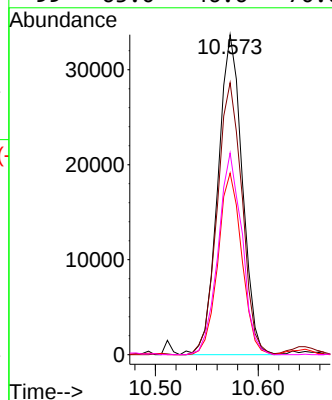
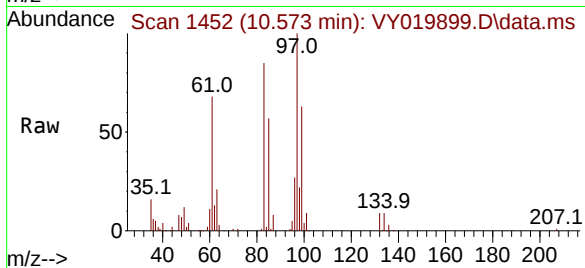
Ion Ratio Lower Upper

97 100

83 85.0 67.5 101.3

85 56.8 42.9 64.3

99 63.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.865 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

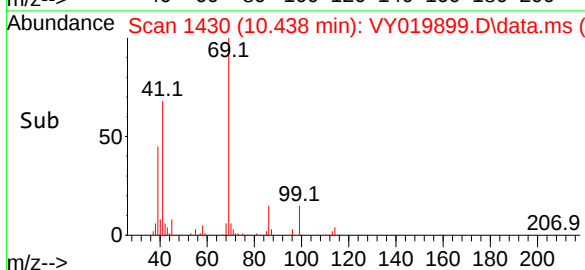
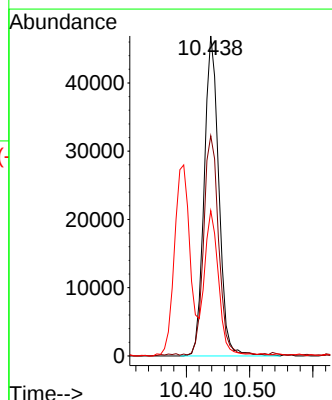
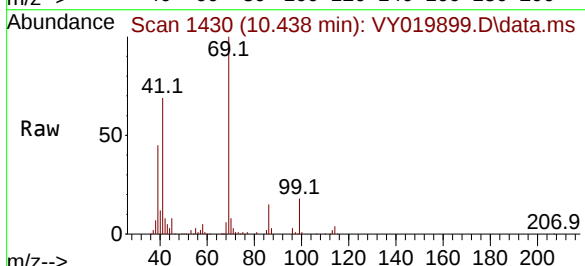
Tgt Ion: 69 Resp: 75749

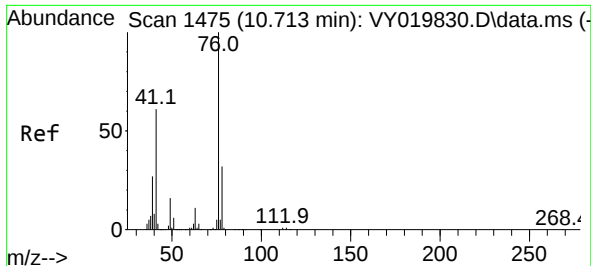
Ion Ratio Lower Upper

69 100

41 70.3 42.3 63.5#

39 41.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.011 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

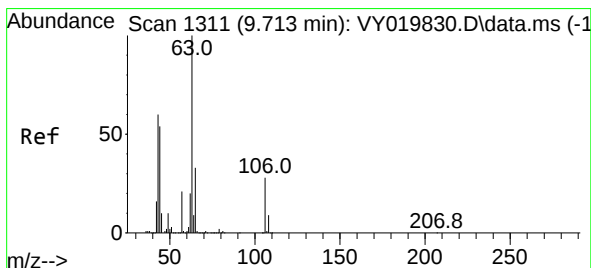
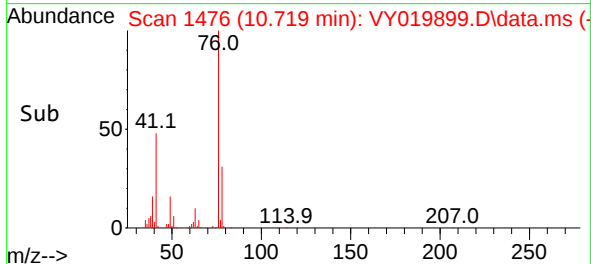
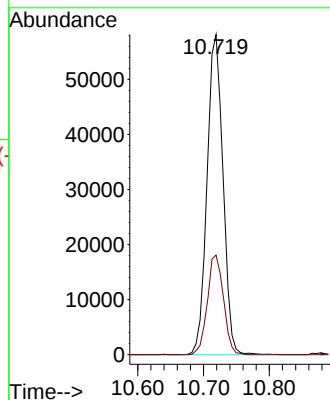
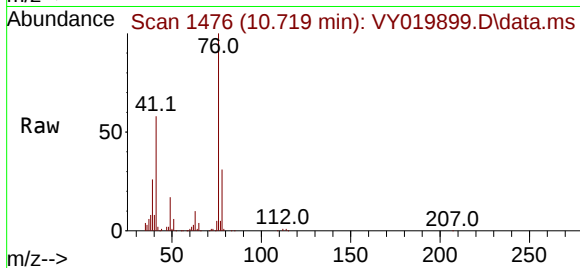
ClientSampleId :

Tgt Ion: 76 Resp: 98056

Ion Ratio Lower Upper

76 100

78 31.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.189 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019899.D

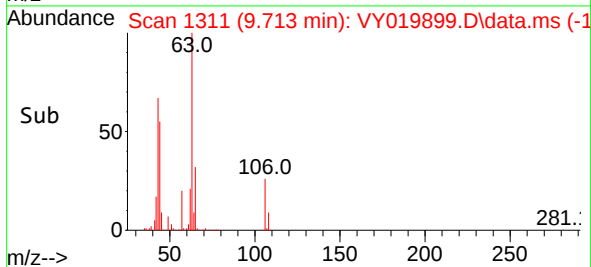
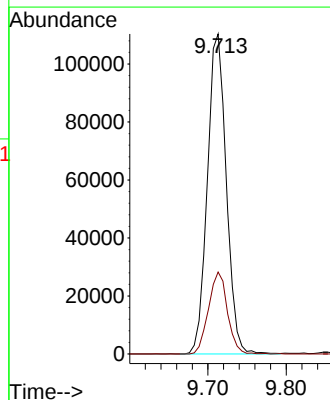
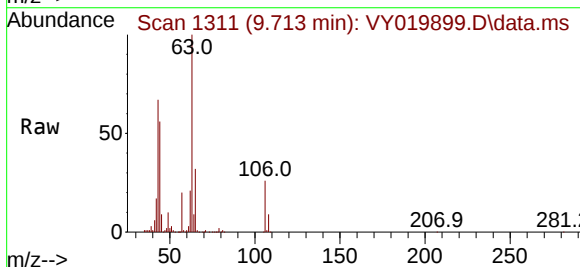
Acq: 15 Oct 2024 12:41

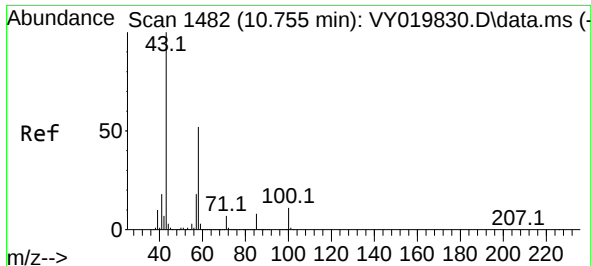
Tgt Ion: 63 Resp: 184949

Ion Ratio Lower Upper

63 100

106 25.5 23.7 35.5





#59

2-Hexanone

Concen: 108.976 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

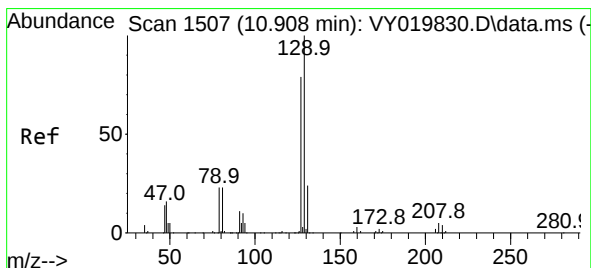
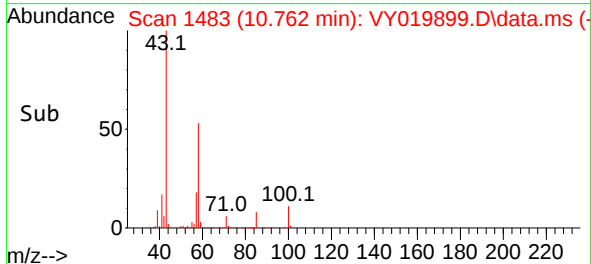
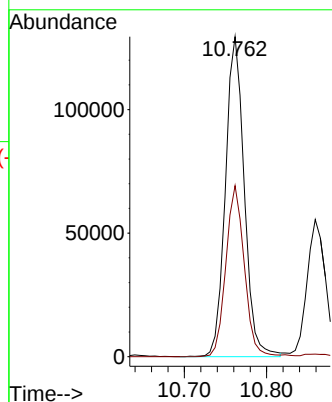
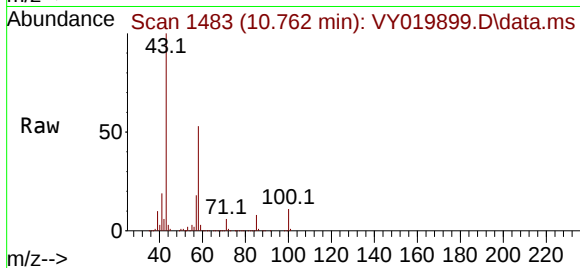
ClientSampleId :

Tgt Ion: 43 Resp: 205755

Ion Ratio Lower Upper

43 100

58 52.5 31.4 94.0



#60

Dibromochloromethane

Concen: 19.920 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019899.D

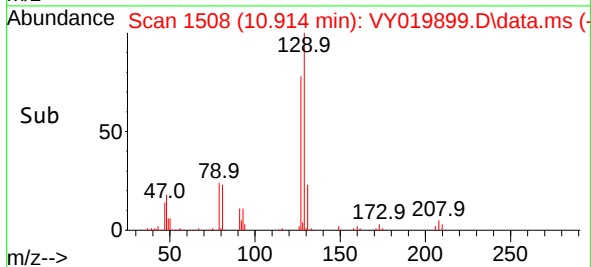
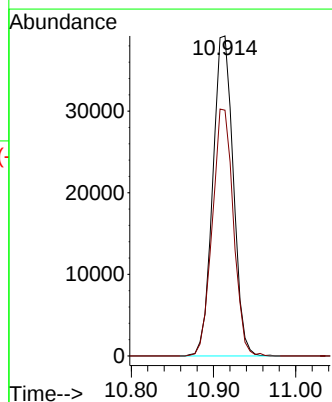
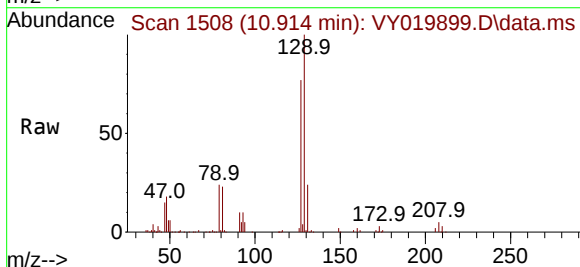
Acq: 15 Oct 2024 12:41

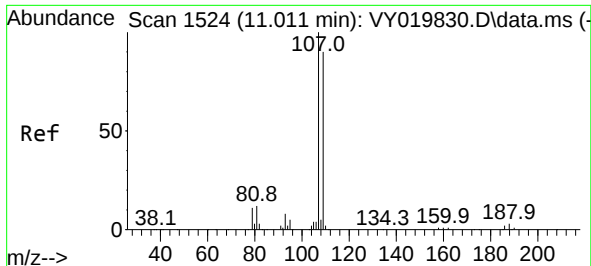
Tgt Ion: 129 Resp: 67945

Ion Ratio Lower Upper

129 100

127 79.1 39.0 117.0

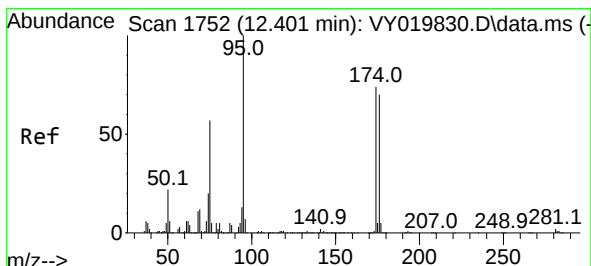
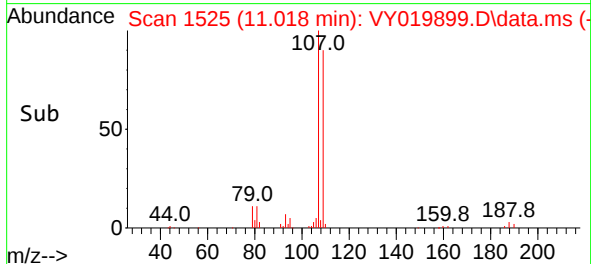
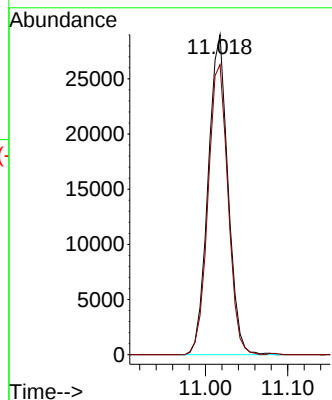
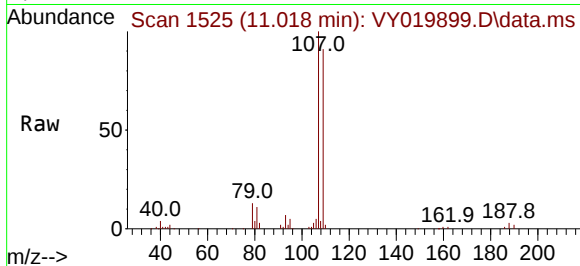




#61  
1,2-Dibromoethane  
Concen: 20.234 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

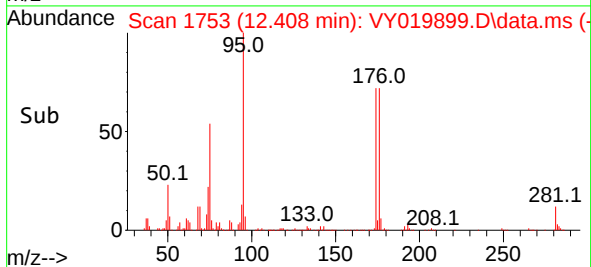
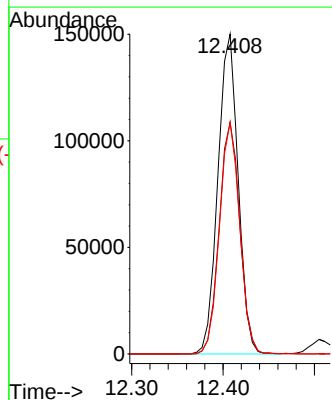
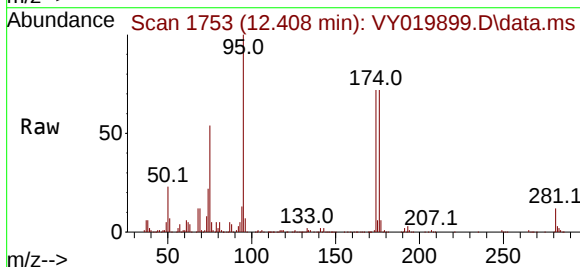
Instrument :  
MSVOA\_Y  
ClientSampleId :

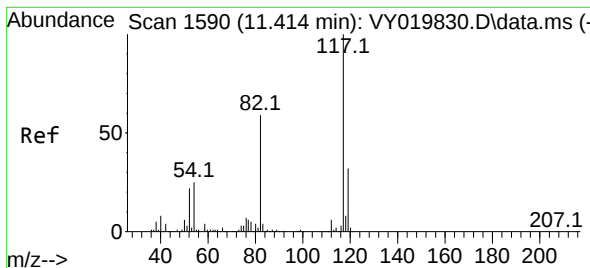
Tgt Ion:107 Resp: 48589  
Ion Ratio Lower Upper  
107 100  
109 91.2 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 51.217 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 95 Resp: 231189  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 175.6  
176 72.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

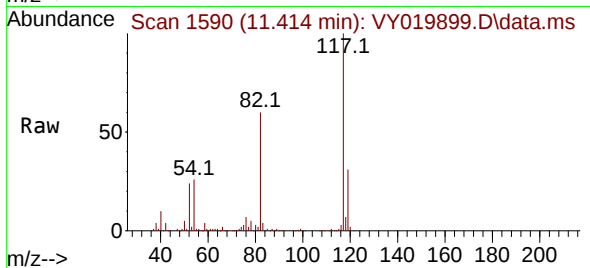
Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :



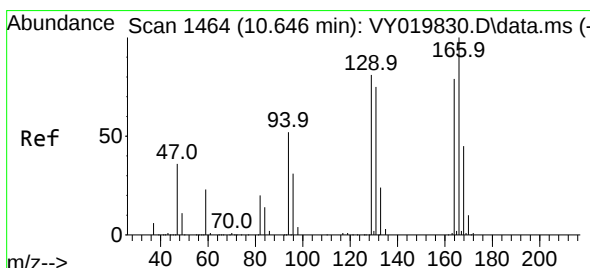
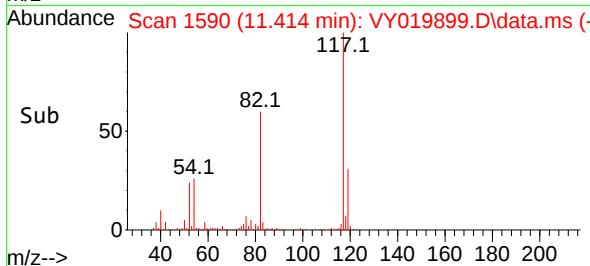
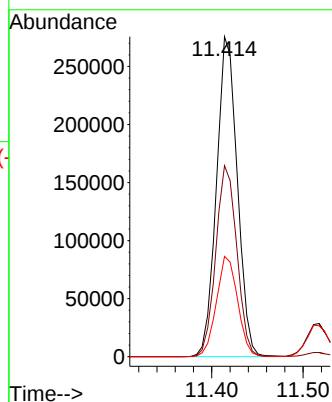
Tgt Ion:117 Resp: 437756

Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

119 31.3 25.9 38.9



#64

Tetrachloroethene

Concen: 17.810 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Tgt Ion:164 Resp: 55455

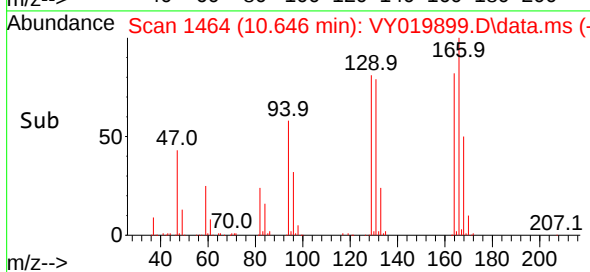
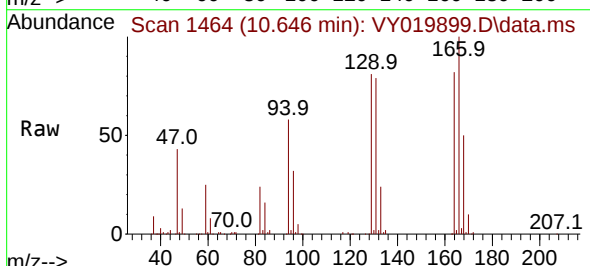
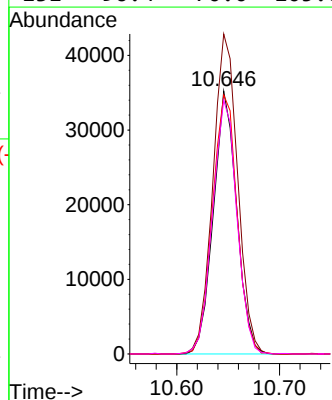
Ion Ratio Lower Upper

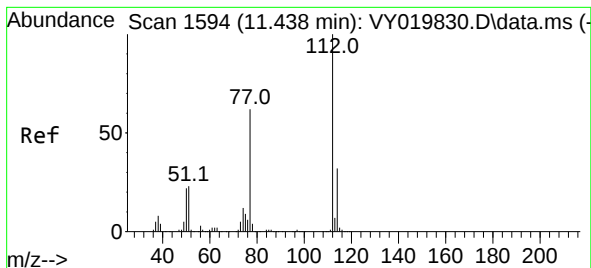
164 100

166 121.7 102.6 154.0

129 98.5 72.0 108.0

131 96.4 70.0 105.0





#65

Chlorobenzene

Concen: 19.994 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

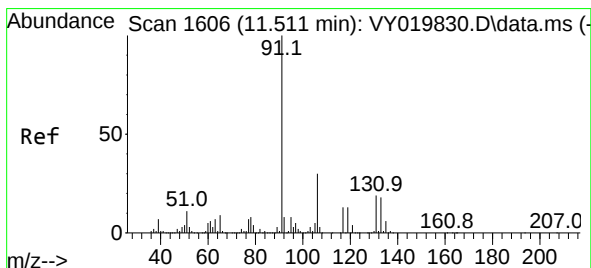
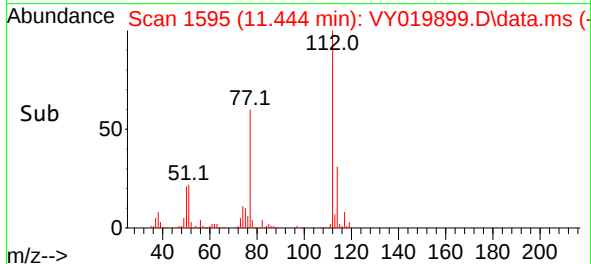
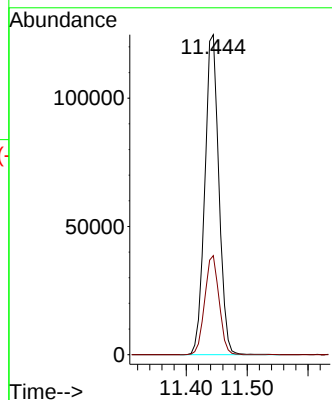
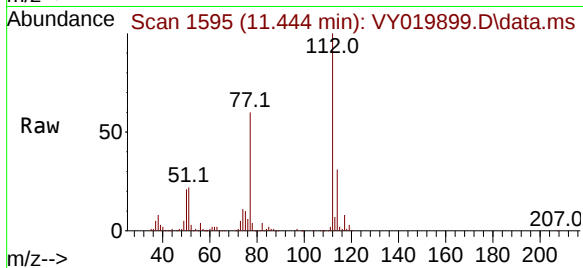
ClientSampleId :

Tgt Ion:112 Resp: 200186

Ion Ratio Lower Upper

112 100

114 30.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.974 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

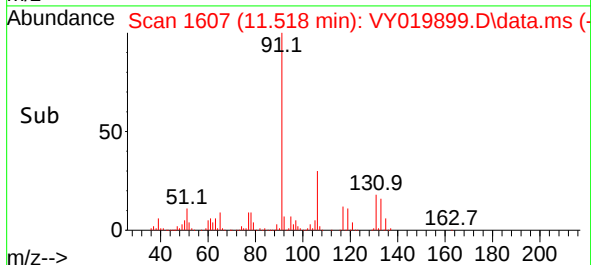
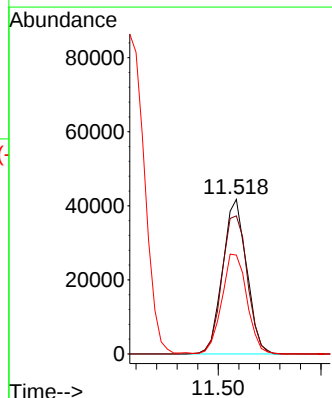
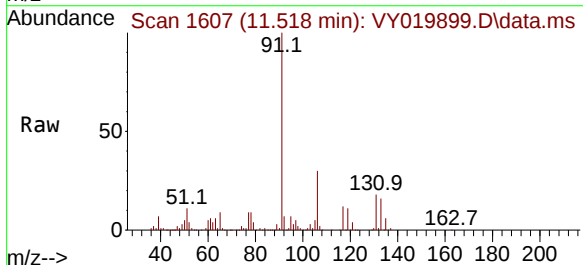
Tgt Ion:131 Resp: 67665

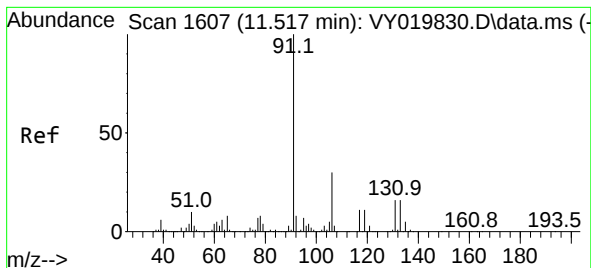
Ion Ratio Lower Upper

131 100

133 95.0 47.8 143.3

119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 19.978 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

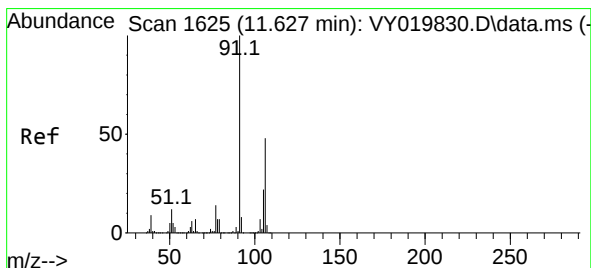
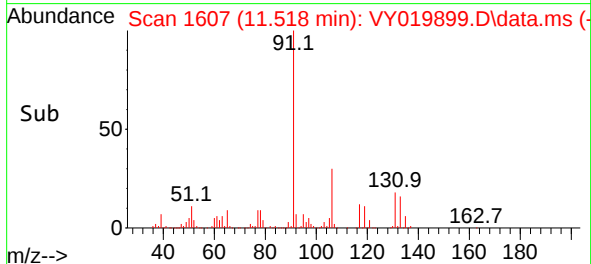
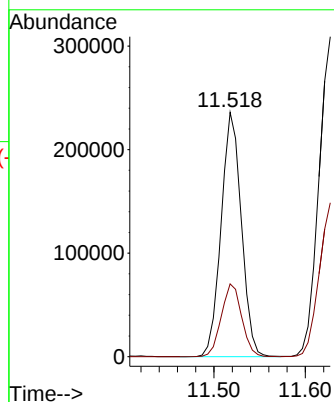
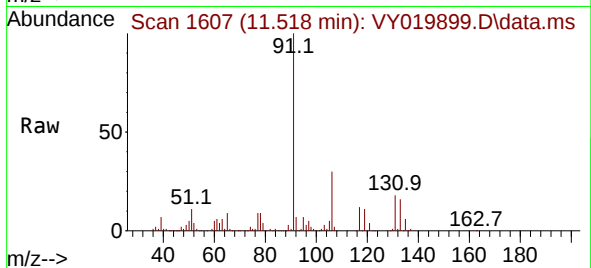
ClientSampleId :

Tgt Ion: 91 Resp: 363357

Ion Ratio Lower Upper

91 100

106 29.8 24.5 36.7



#68

m/p-Xylenes

Concen: 39.470 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019899.D

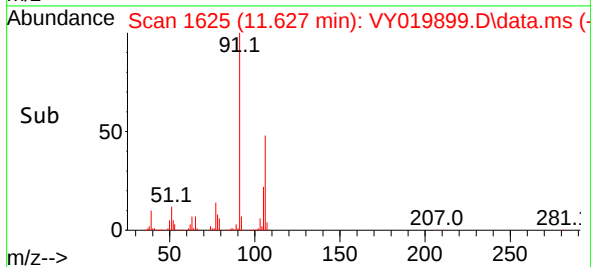
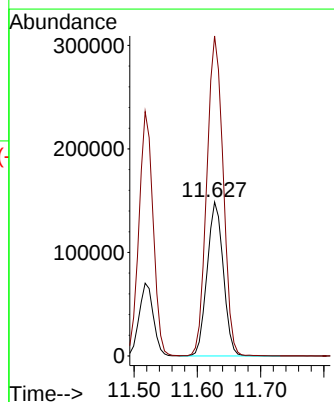
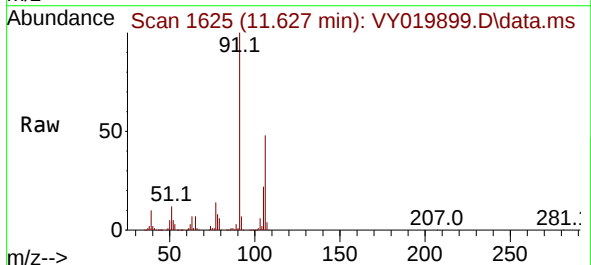
Acq: 15 Oct 2024 12:41

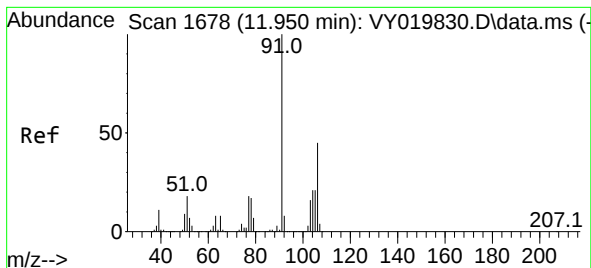
Tgt Ion:106 Resp: 265128

Ion Ratio Lower Upper

106 100

91 209.7 156.0 234.0





#69

o-Xylene

Concen: 19.468 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

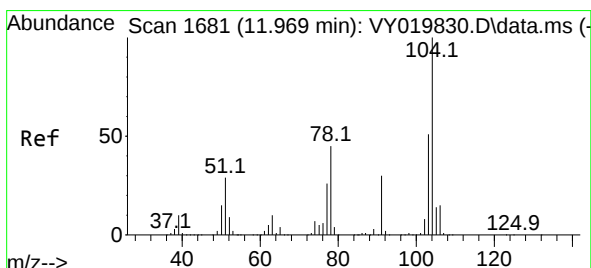
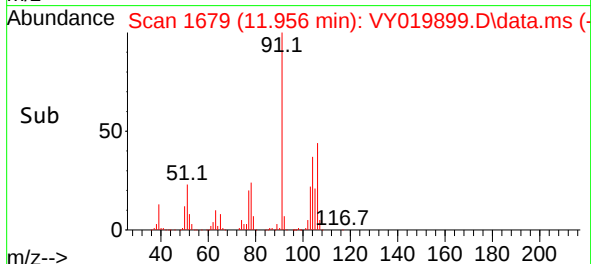
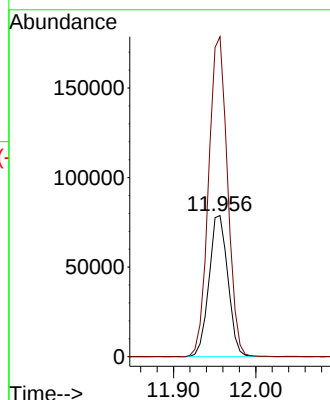
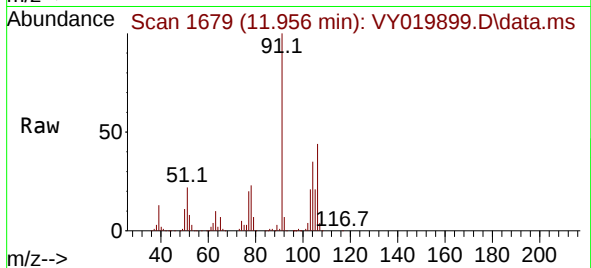
ClientSampleId :

Tgt Ion:106 Resp: 125645

Ion Ratio Lower Upper

106 100

91 227.3 103.6 310.8



#70

Styrene

Concen: 20.318 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

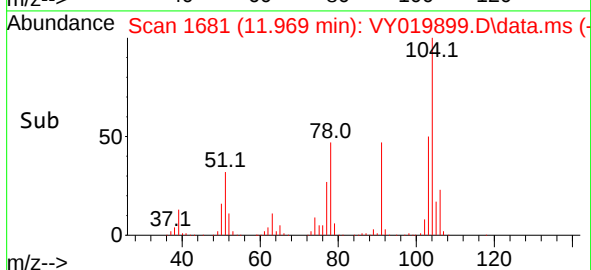
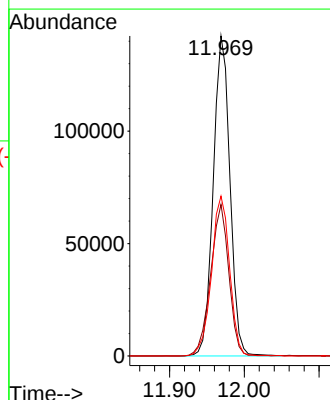
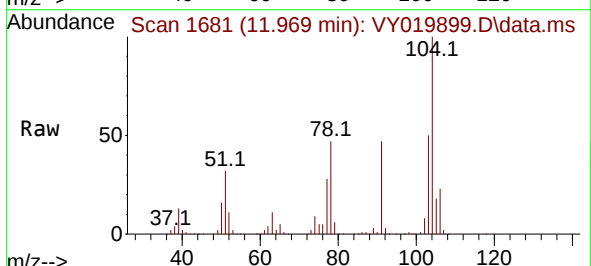
Tgt Ion:104 Resp: 221243

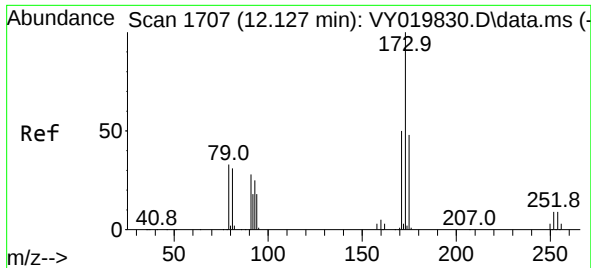
Ion Ratio Lower Upper

104 100

78 51.7 37.0 55.4

103 54.2 44.2 66.2

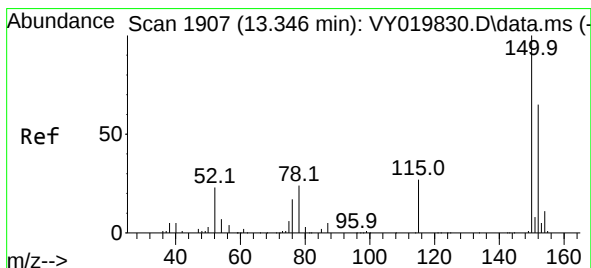
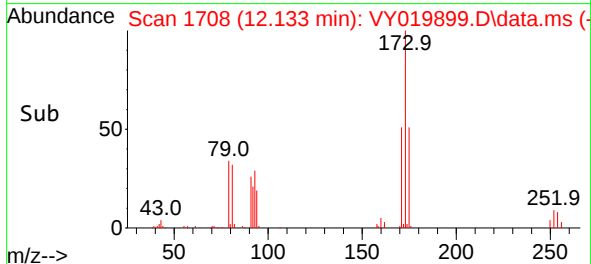
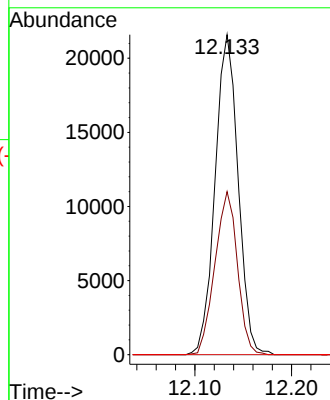
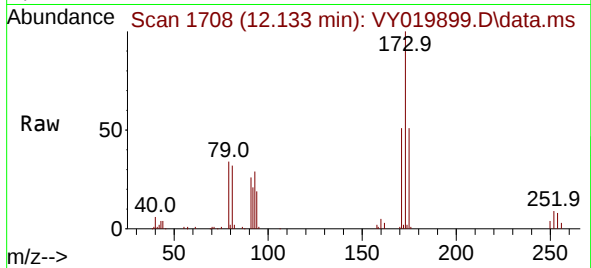




#71  
Bromoform  
Concen: 19.657 ug/l  
RT: 12.133 min Scan# 1707  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

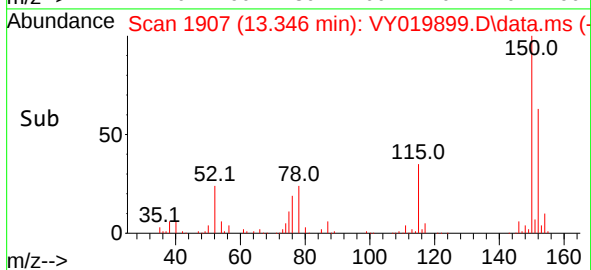
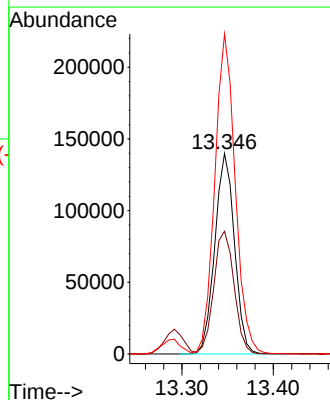
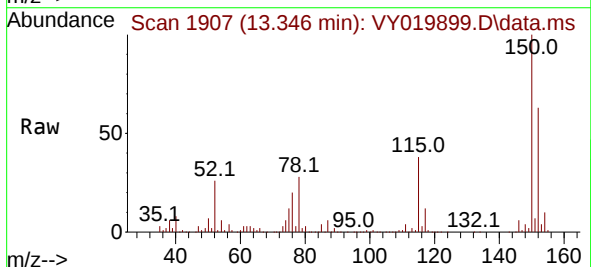
Instrument :  
MSVOA\_Y  
ClientSampleId :

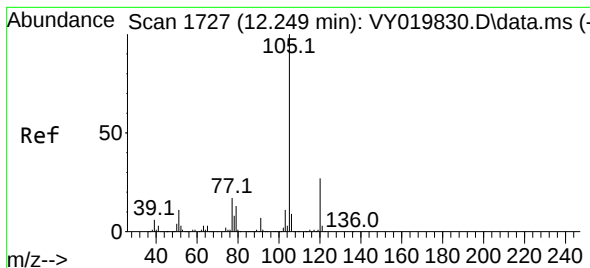
Tgt Ion:173 Resp: 35648  
Ion Ratio Lower Upper  
173 100  
175 49.8 25.1 75.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.346 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion:152 Resp: 209107  
Ion Ratio Lower Upper  
152 100  
115 63.1 28.2 84.7  
150 165.7 0.0 345.6





#73

Isopropylbenzene

Concen: 19.806 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

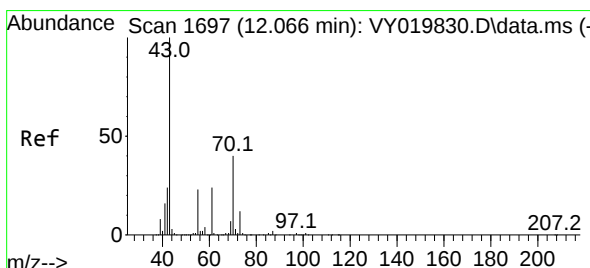
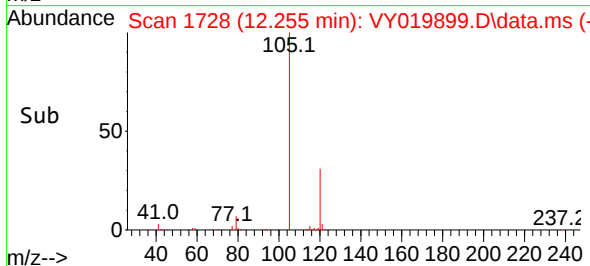
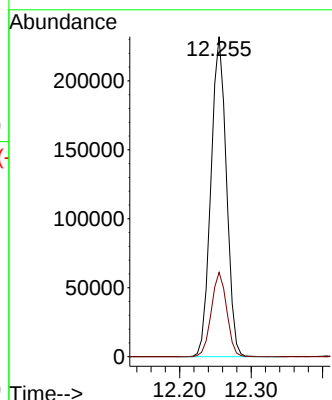
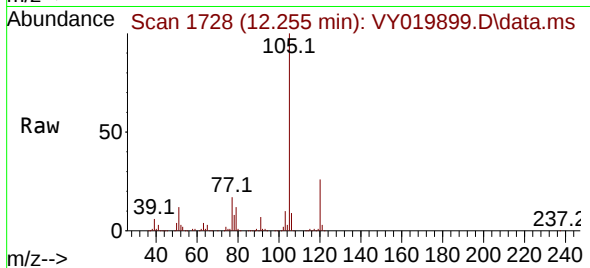
ClientSampleId :

Tgt Ion:105 Resp: 348369

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 19.934 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Tgt Ion: 43 Resp: 92860

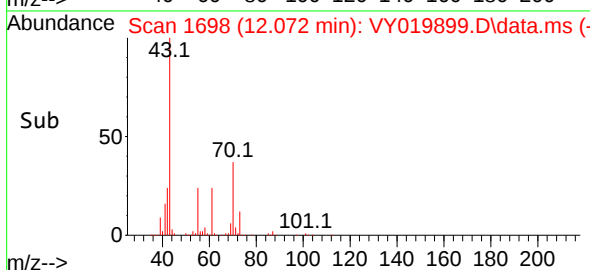
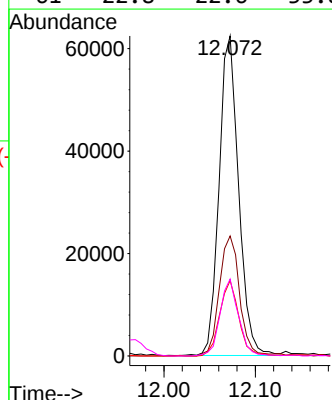
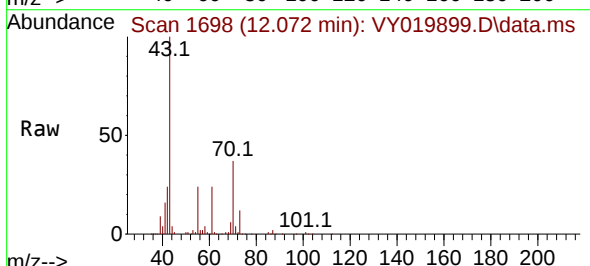
Ion Ratio Lower Upper

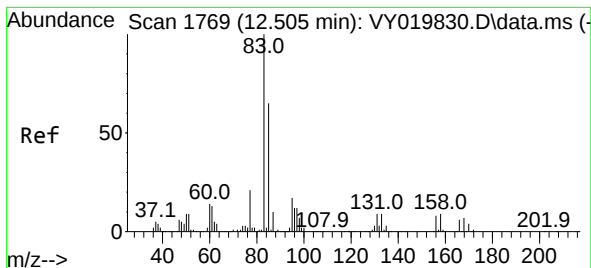
43 100

70 39.4 41.4 62.2#

55 23.0 23.3 34.9#

61 22.8 22.6 33.8

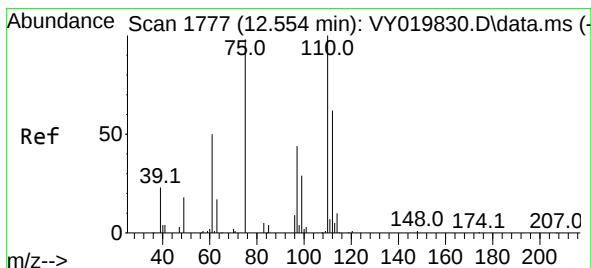
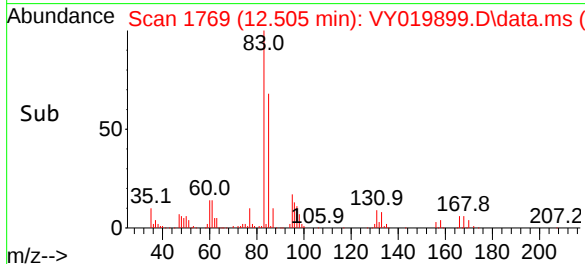
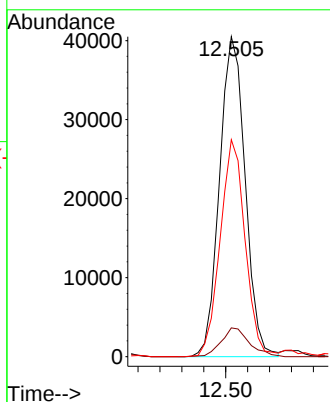
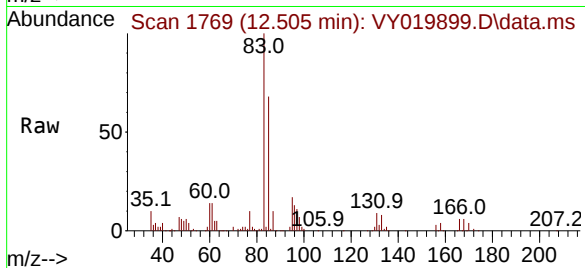




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.023 ug/l  
RT: 12.505 min Scan# 1769  
Delta R.T. -0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

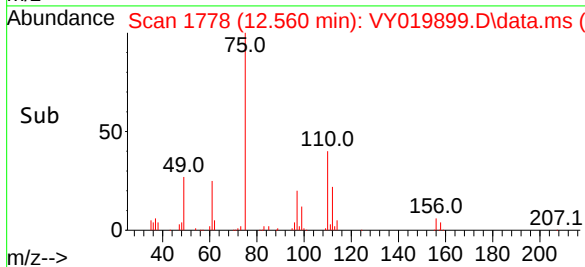
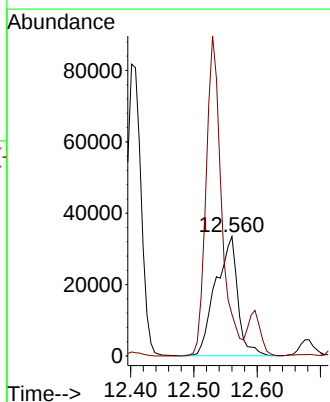
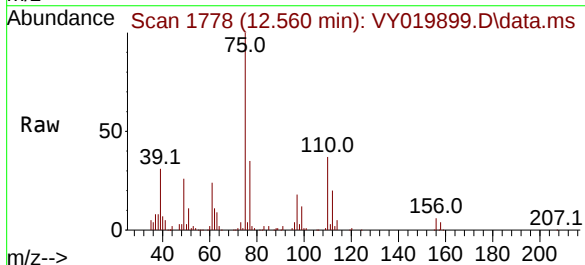
Instrument :  
MSVOA\_Y  
ClientSampleId :

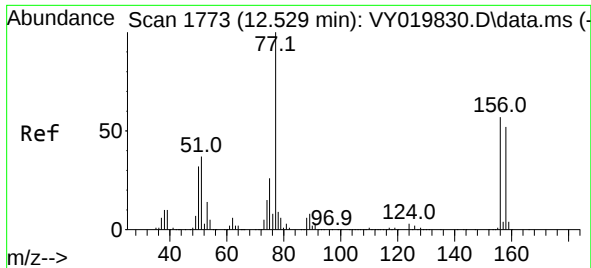
Tgt Ion: 83 Resp: 65703  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.0 14.9  
85 66.0 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 19.809 ug/l  
RT: 12.560 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 75 Resp: 81146  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

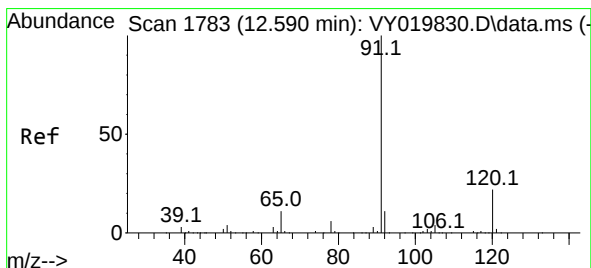
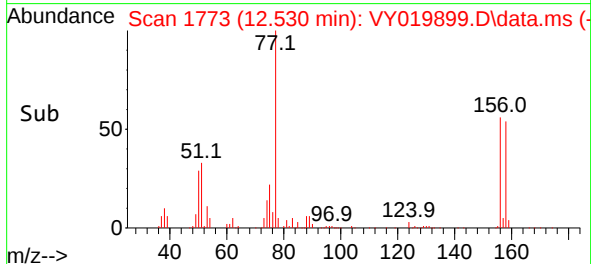
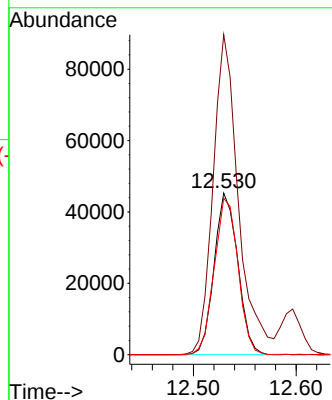
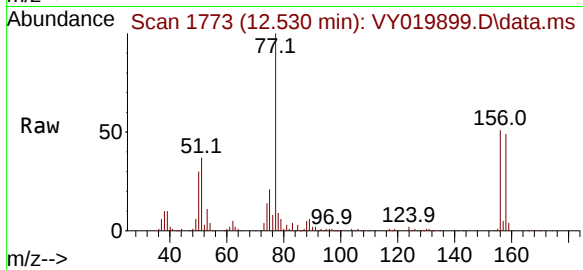




#77  
Bromobenzene  
Concen: 19.365 ug/l  
RT: 12.530 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

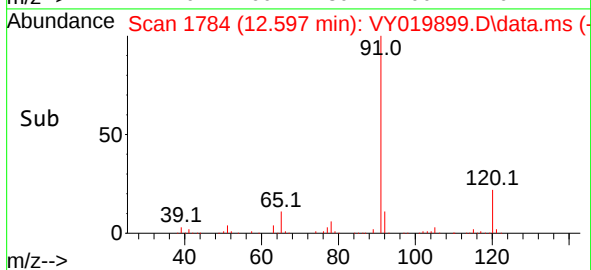
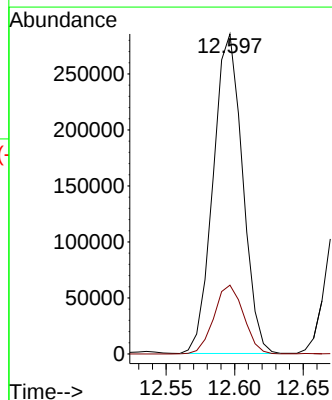
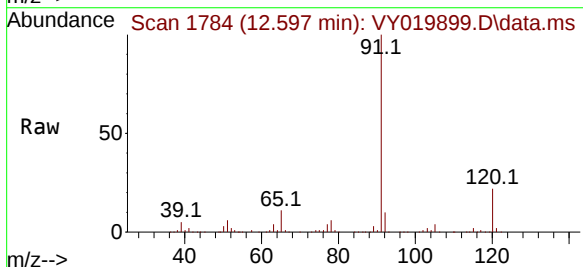
Instrument :  
MSVOA\_Y  
ClientSampleId :

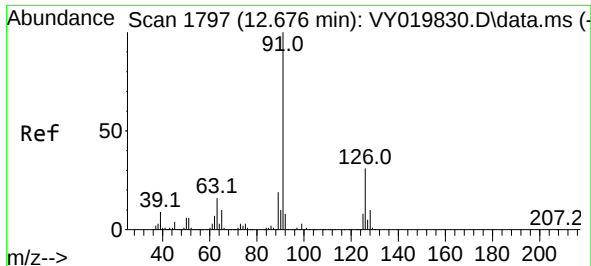
Tgt Ion:156 Resp: 72278  
Ion Ratio Lower Upper  
156 100  
77 212.9 87.1 261.3  
158 97.5 48.6 145.9



#78  
n-propylbenzene  
Concen: 20.010 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 91 Resp: 425272  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.5 34.4

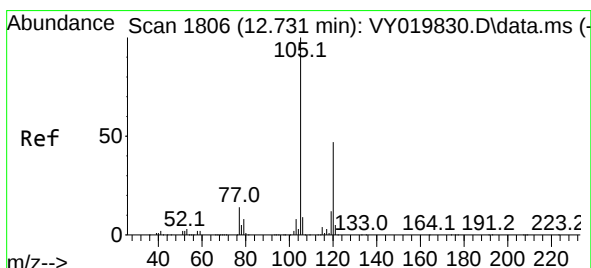
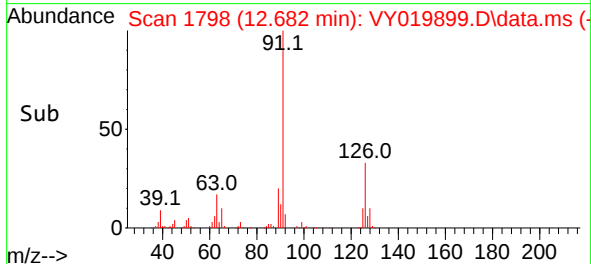
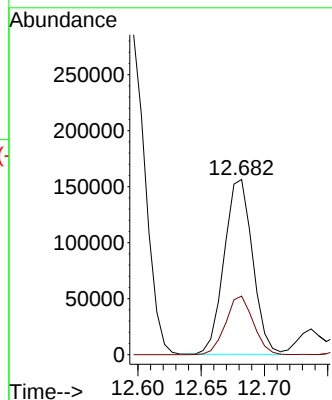
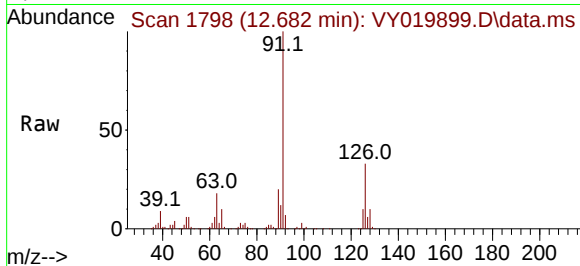




#79  
2-Chlorotoluene  
Concen: 20.063 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

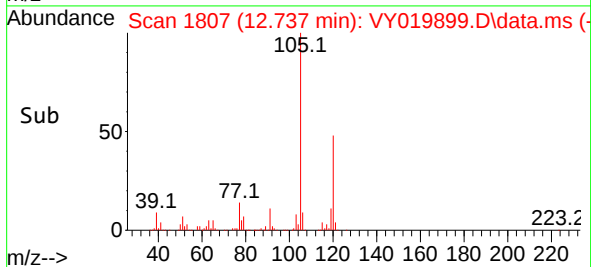
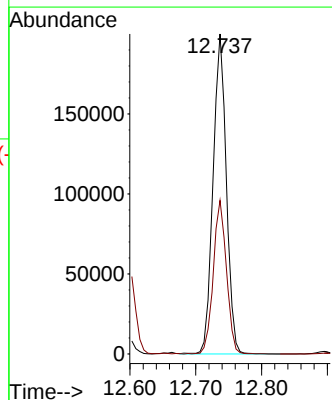
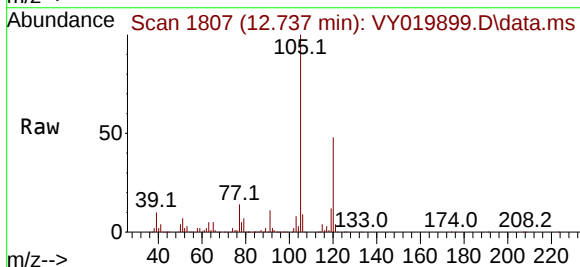
Instrument :  
MSVOA\_Y  
ClientSampleId :

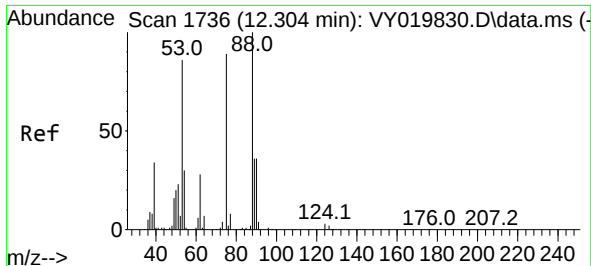
Tgt Ion: 91 Resp: 244447  
Ion Ratio Lower Upper  
91 100  
126 32.5 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 19.783 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 105 Resp: 281000  
Ion Ratio Lower Upper  
105 100  
120 47.7 25.1 75.2

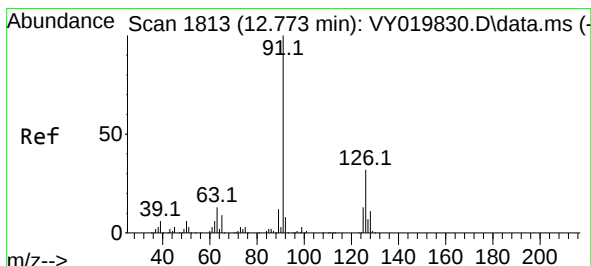
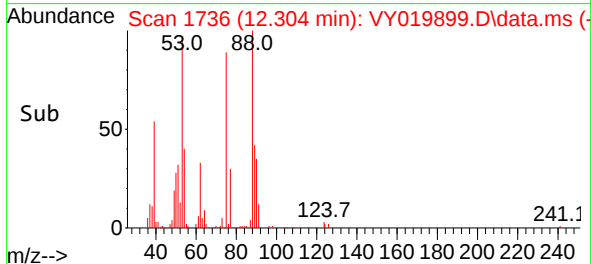
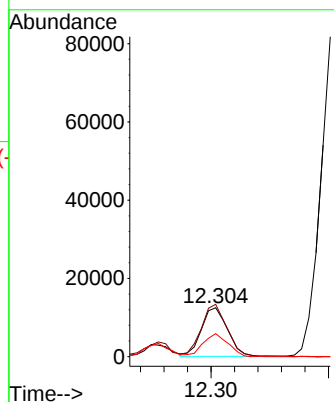
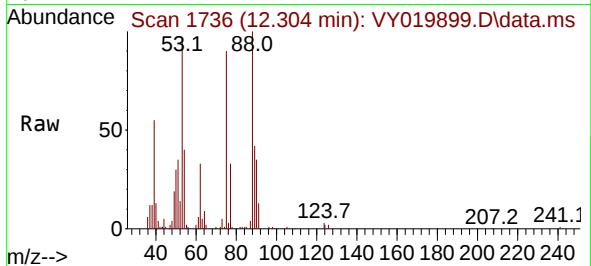




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.769 ug/l  
RT: 12.304 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

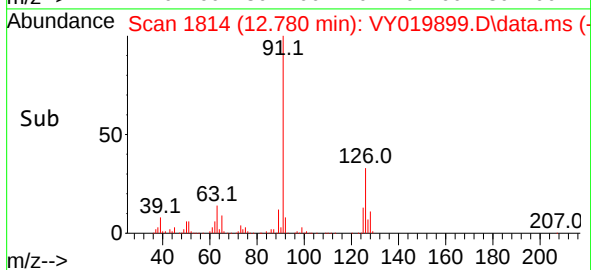
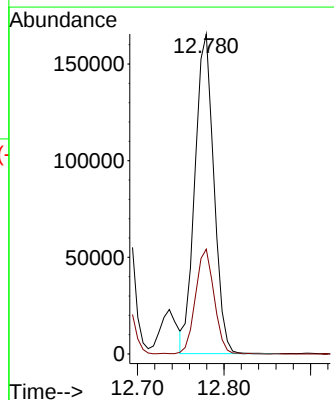
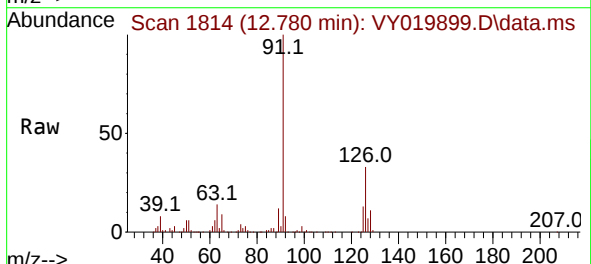
Instrument :  
MSVOA\_Y  
ClientSampleId :

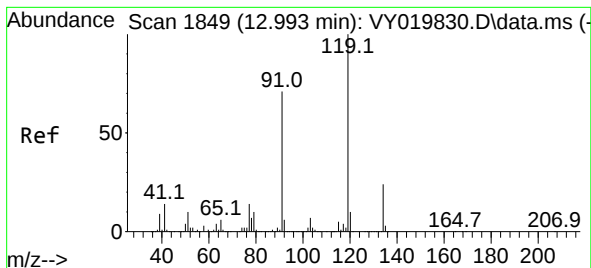
Tgt Ion: 75 Resp: 19048  
Ion Ratio Lower Upper  
75 100  
53 108.5 66.8 100.2#  
89 46.3 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 20.132 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 91 Resp: 250813  
Ion Ratio Lower Upper  
91 100  
126 32.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.428 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

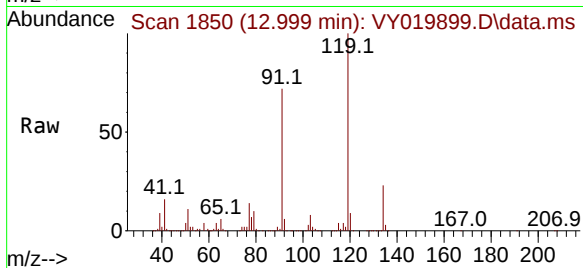
Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :



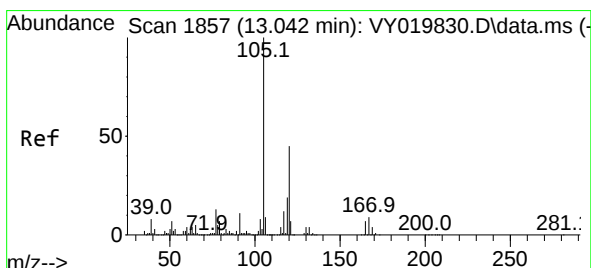
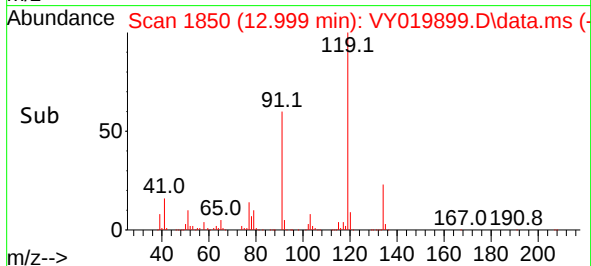
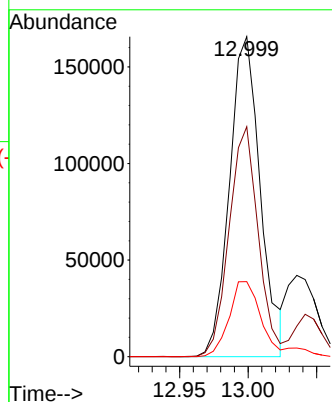
Tgt Ion:119 Resp: 259941

Ion Ratio Lower Upper

119 100

91 67.8 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.893 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019899.D

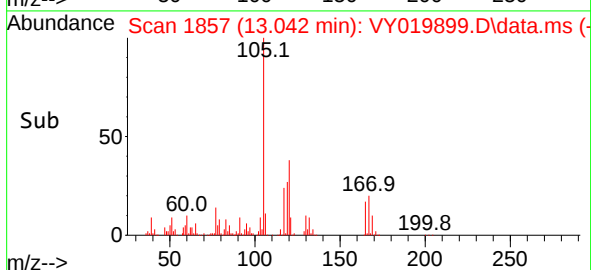
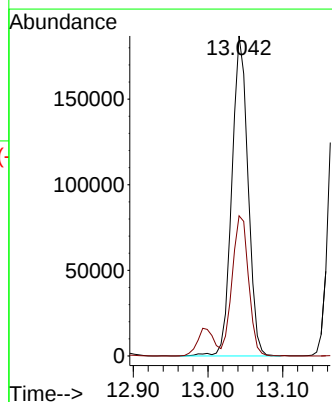
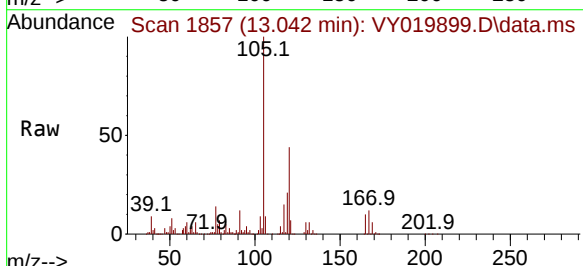
Acq: 15 Oct 2024 12:41

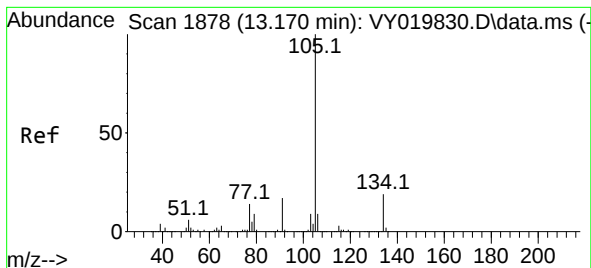
Tgt Ion:105 Resp: 280157

Ion Ratio Lower Upper

105 100

120 44.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.223 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

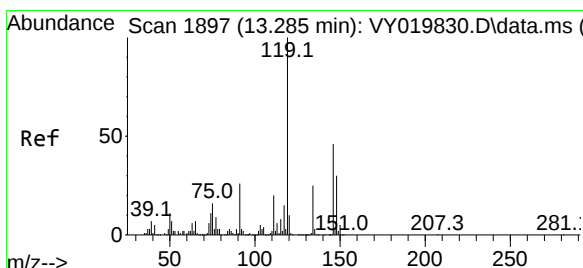
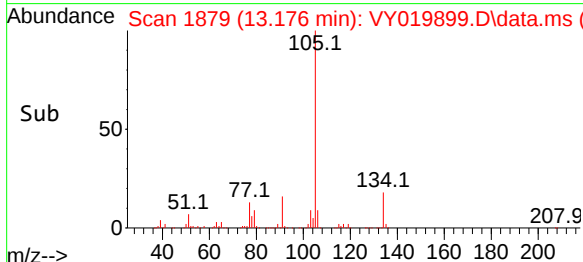
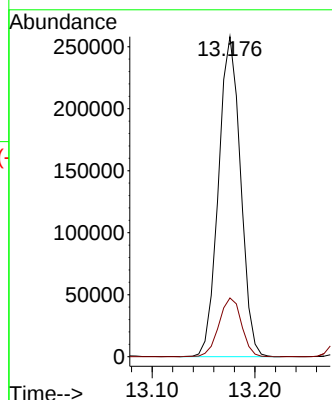
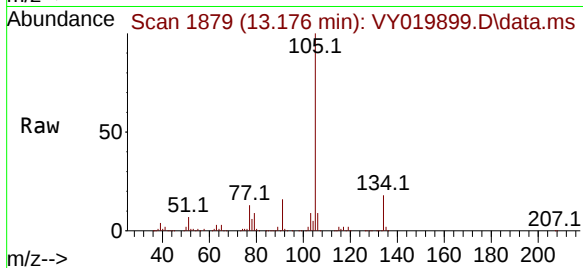
ClientSampleId :

Tgt Ion:105 Resp: 384483

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.942 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

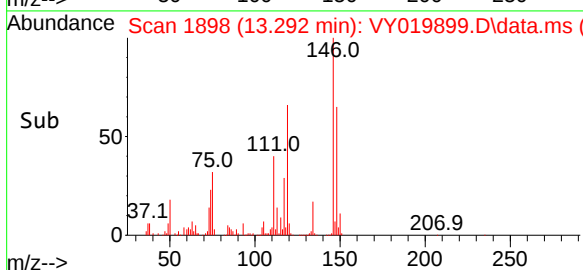
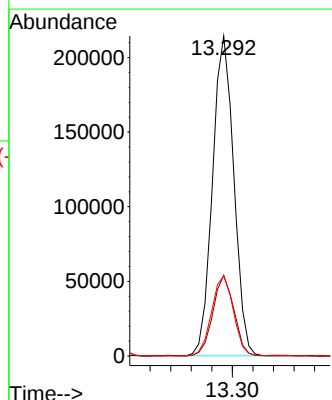
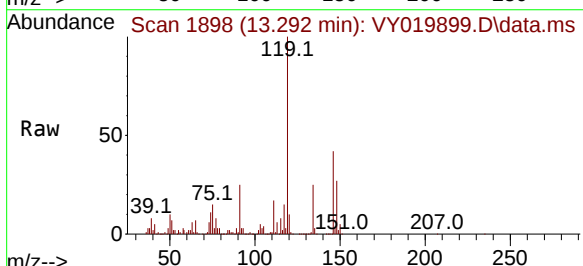
Tgt Ion:119 Resp: 307868

Ion Ratio Lower Upper

119 100

134 24.8 13.1 39.3

91 25.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.680 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :

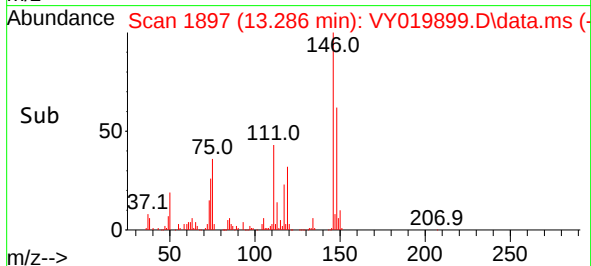
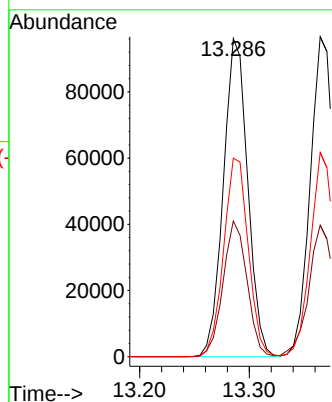
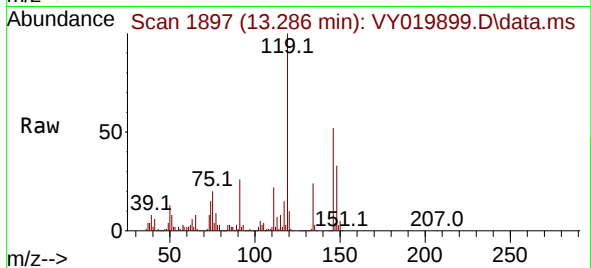
Tgt Ion:146 Resp: 148337

Ion Ratio Lower Upper

146 100

111 41.9 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.247 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

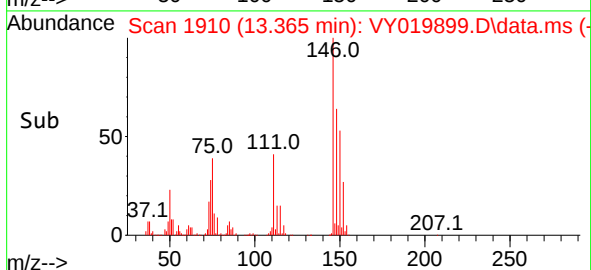
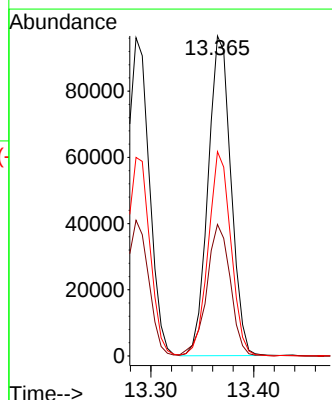
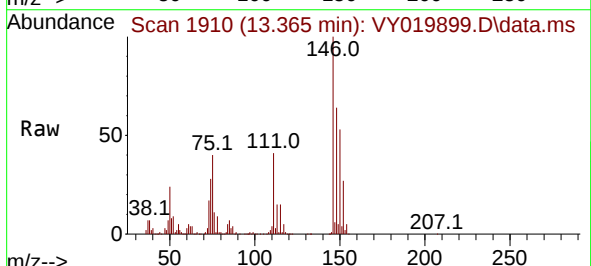
Tgt Ion:146 Resp: 149927

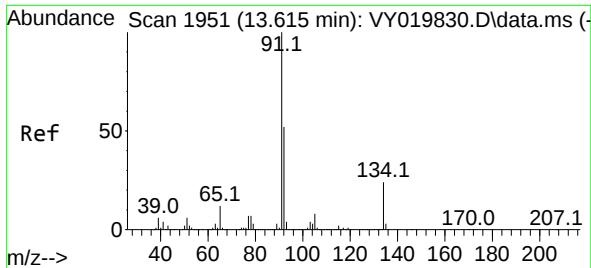
Ion Ratio Lower Upper

146 100

111 42.3 18.4 55.4

148 63.1 32.4 97.2

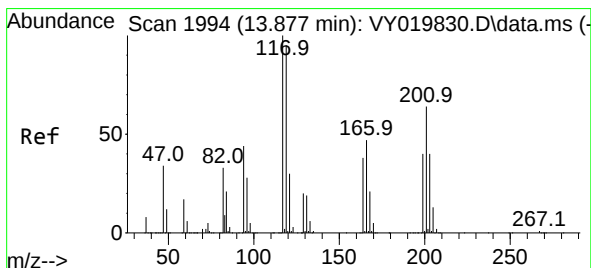
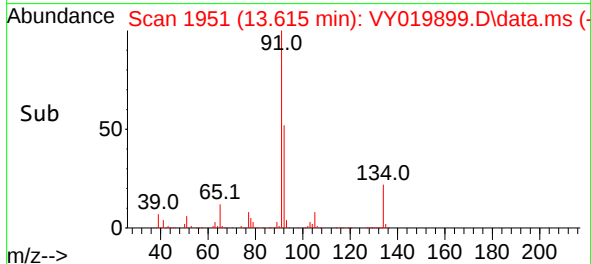
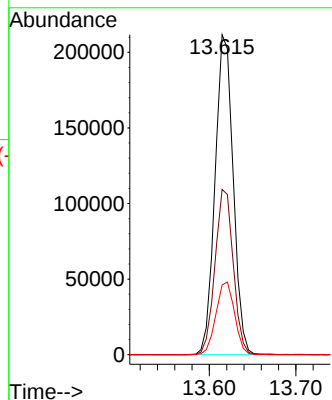
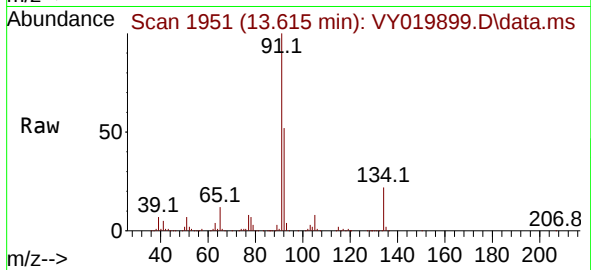




#89  
n-Butylbenzene  
Concen: 20.417 ug/l  
RT: 13.615 min Scan# 1951  
Delta R.T. -0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

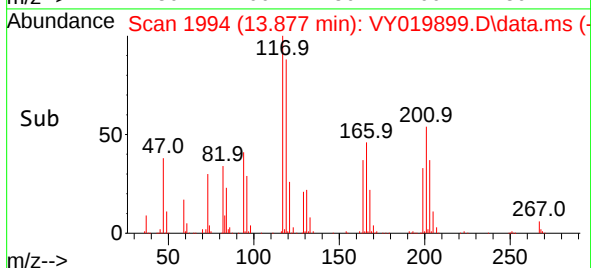
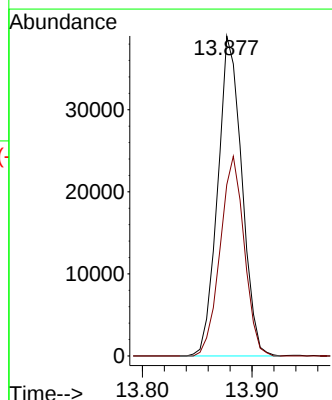
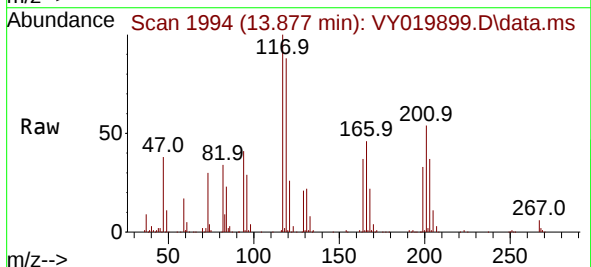
Instrument :  
MSVOA\_Y  
ClientSampleId :

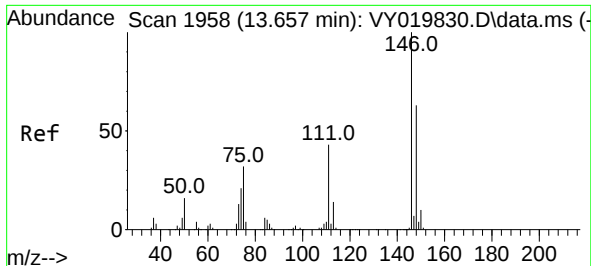
Tgt Ion: 91 Resp: 307781  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.6 79.7  
134 23.3 12.9 38.7



#90  
Hexachloroethane  
Concen: 19.820 ug/l  
RT: 13.877 min Scan# 1994  
Delta R.T. -0.006 min  
Lab File: VY019899.D  
Acq: 15 Oct 2024 12:41

Tgt Ion: 117 Resp: 59583  
Ion Ratio Lower Upper  
117 100  
201 62.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.910 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :

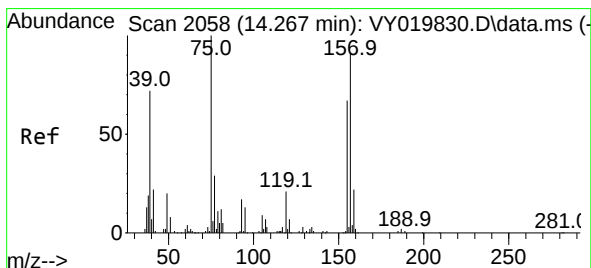
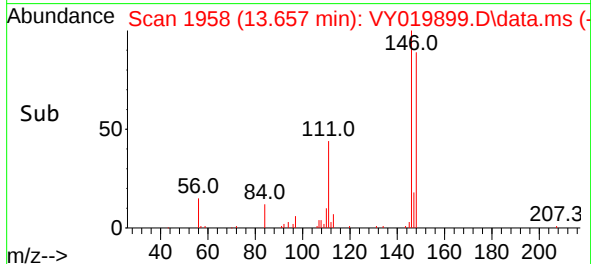
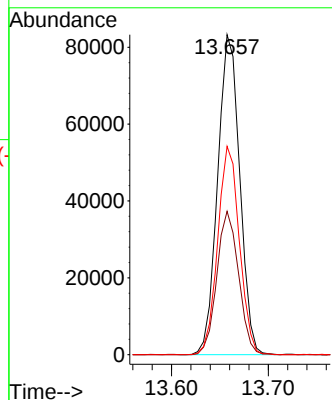
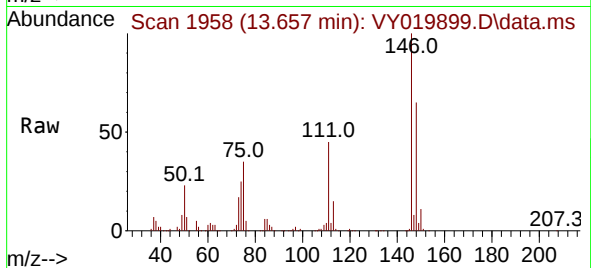
Tgt Ion:146 Resp: 131858

Ion Ratio Lower Upper

146 100

111 44.2 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.674 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

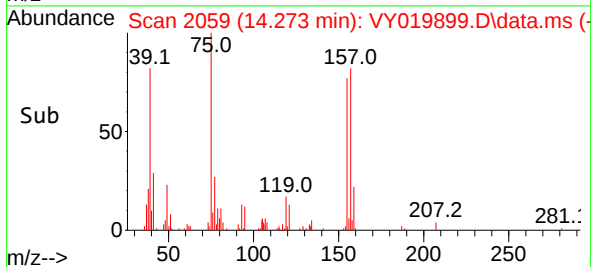
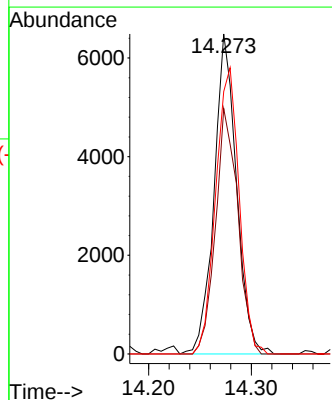
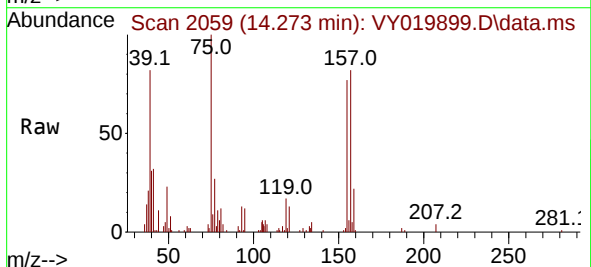
Tgt Ion: 75 Resp: 9813

Ion Ratio Lower Upper

75 100

155 76.5 48.6 145.8

157 93.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.829 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

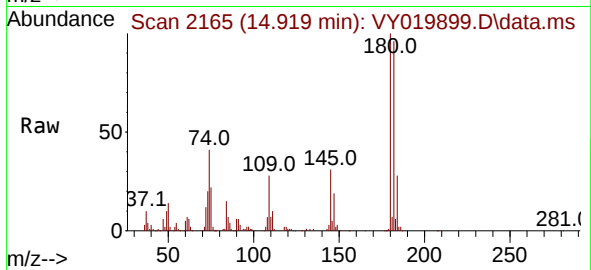
Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :



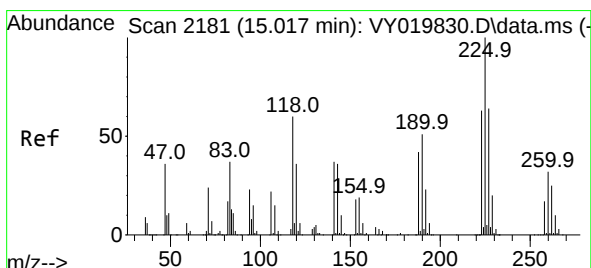
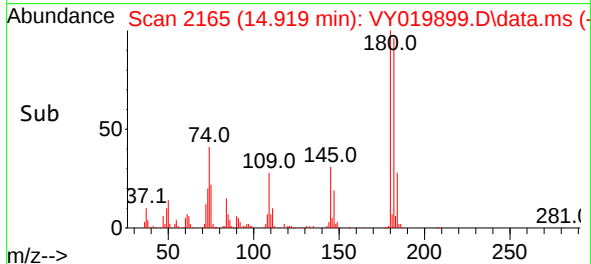
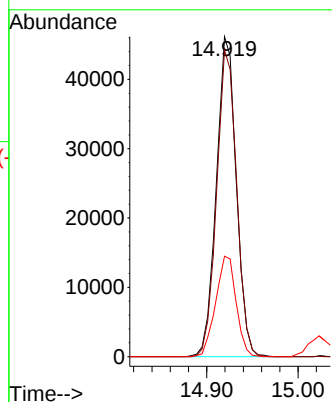
Tgt Ion:180 Resp: 69923

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.8

145 32.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.557 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

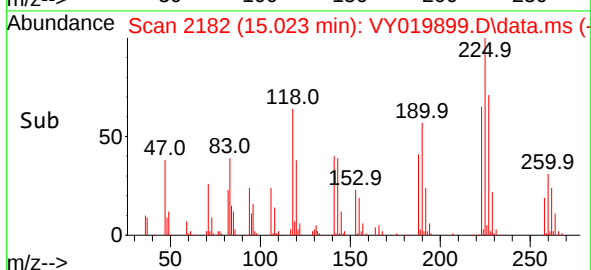
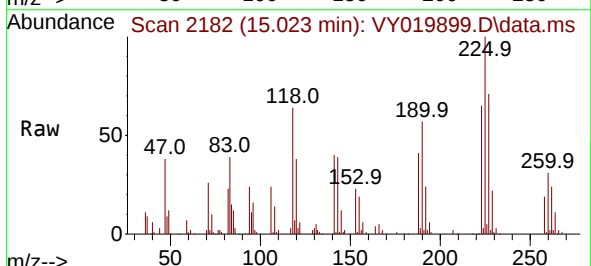
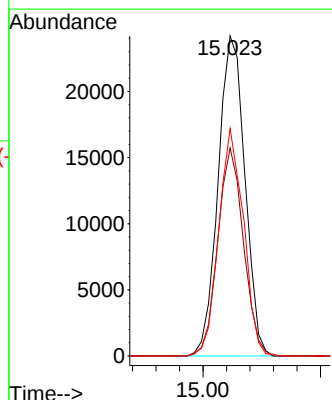
Tgt Ion:225 Resp: 38313

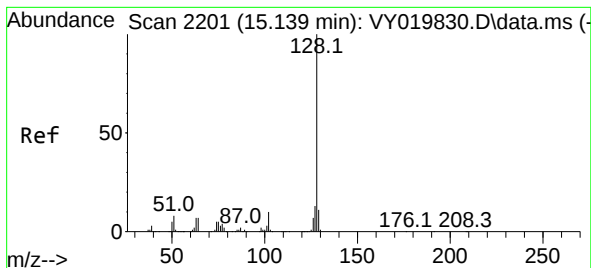
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 65.9 31.9 95.9





#95

Naphthalene

Concen: 18.463 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Instrument :

MSVOA\_Y

ClientSampleId :

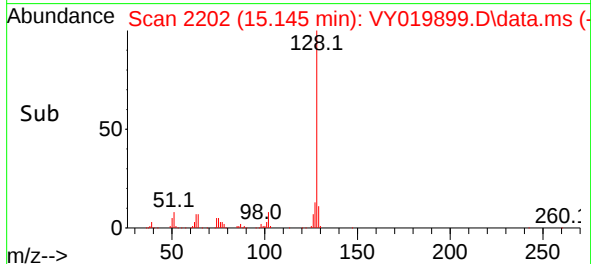
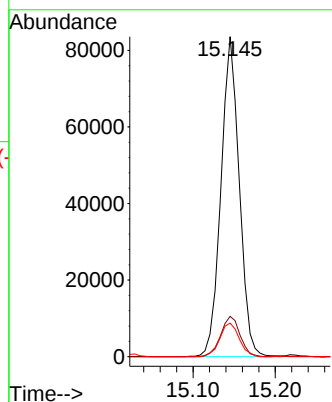
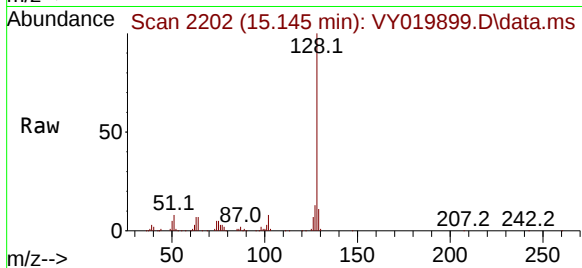
Tgt Ion:128 Resp: 129316

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.135 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019899.D

Acq: 15 Oct 2024 12:41

Tgt Ion:180 Resp: 60069

Ion Ratio Lower Upper

180 100

182 93.2 47.6 142.9

145 33.8 15.4 46.1

