

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
 Data File : VX042888.D  
 Acq On : 07 Aug 2024 00:09  
 Operator : JC/MD  
 Sample : VX0806MBSD01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBSD01

Quant Time: Aug 07 06:27:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:55:22 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 239097              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 415140              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 367652              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 175405              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 174390              | 53.130  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 106.260% |         |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 137781              | 50.760  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 101.520% |         |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 490344              | 50.886  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 101.780% |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 174051              | 50.264  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 100.520% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167          | 85   | 54704               | 21.226  | ug/l   | 96       |
| 3) Chloromethane             | 1.301          | 50   | 54850               | 19.533  | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374          | 62   | 52639               | 19.757  | ug/l   | 98       |
| 5) Bromomethane              | 1.599          | 94   | 31734               | 19.681  | ug/l   | 98       |
| 6) Chloroethane              | 1.666          | 64   | 28962               | 19.081  | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.874          | 101  | 83417               | 20.133  | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136          | 74   | 29568               | 19.401  | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 49851               | 19.136  | ug/l   | 94       |
| 10) Methyl Iodide            | 2.447          | 142  | 55422               | 20.575  | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.989          | 59   | 74900               | 114.723 | ug/l # | 95       |
| 12) 1,1-Dichloroethene       | 2.307          | 96   | 50052               | 18.992  | ug/l   | 89       |
| 13) Acrolein                 | 2.239          | 56   | 68665               | 106.700 | ug/l   | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 79715               | 20.019  | ug/l   | 95       |
| 15) Acrylonitrile            | 3.069          | 53   | 161222              | 96.751  | ug/l   | 99       |
| 16) Acetone                  | 2.392          | 43   | 133796              | 93.979  | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.502          | 76   | 118921              | 18.544  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.709          | 43   | 84775               | 18.778  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.123          | 73   | 169703              | 19.132  | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788          | 84   | 59957               | 19.669  | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 52155               | 19.671  | ug/l   | 94       |
| 22) Diisopropyl ether        | 3.770          | 45   | 173897              | 19.879  | ug/l   | 90       |
| 23) Vinyl Acetate            | 3.727          | 43   | 977920              | 98.497  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 97838               | 19.447  | ug/l   | 98       |
| 25) 2-Butanone               | 4.568          | 43   | 215719              | 96.485  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 46829               | 15.140  | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 62825               | 19.980  | ug/l   | 88       |
| 28) Bromochloromethane       | 4.904          | 49   | 36957               | 19.144  | ug/l # | 83       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 143821              | 95.195  | ug/l   | 97       |
| 30) Chloroform               | 5.093          | 83   | 100718              | 19.123  | ug/l   | 95       |
| 31) Cyclohexane              | 5.471          | 56   | 79187               | 19.281  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 91858               | 19.811  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 67028               | 18.213  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.727          | 43   | 84086               | 18.261  | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 76073               | 18.312  | ug/l   | 96       |
| 39) Methylcyclohexane        | 7.379          | 83   | 79556               | 18.185  | ug/l   | 96       |
| 40) Benzene                  | 6.038          | 78   | 216141              | 18.924  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
 Data File : VX042888.D  
 Acq On : 07 Aug 2024 00:09  
 Operator : JC/MD  
 Sample : VX0806MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBS01

Quant Time: Aug 07 06:27:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:55:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 43512    | 18.347  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 79354    | 19.101  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 125421   | 18.418  | ug/l   | 96       |
| 44) Trichloroethene           | 7.129  | 130  | 52637    | 18.341  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 53259    | 18.382  | ug/l   | 100      |
| 46) Dibromomethane            | 7.586  | 93   | 40110    | 18.849  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.824  | 83   | 73924    | 18.701  | ug/l   | 95       |
| 48) Methyl methacrylate       | 7.696  | 41   | 63003    | 19.295  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 28345    | 391.047 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 440512   | 96.574  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 133757   | 19.306  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 66602    | 18.226  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 74711    | 18.513  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 54583    | 19.380  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 86153    | 19.009  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 89136    | 19.319  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 211940   | 99.218  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 331781   | 93.870  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.519  | 129  | 58475    | 18.899  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 57506    | 19.325  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 50115    | 19.604  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.080 | 112  | 148306   | 19.009  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 52575    | 19.543  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 252646   | 19.252  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 192184   | 38.361  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 96170    | 19.163  | ug/l   | 98       |
| 70) Styrene                   | 10.659 | 104  | 160780   | 19.923  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 40385    | 18.691  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.964 | 105  | 245615   | 19.368  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 108507   | 19.016  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 86152    | 18.544  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 85699    | 21.724  | ug/l   | 97       |
| 77) Bromobenzene              | 11.195 | 156  | 60756    | 18.834  | ug/l   | 90       |
| 78) n-propylbenzene           | 11.305 | 91   | 271864   | 19.299  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 174628   | 19.341  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 207737   | 19.783  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 20266    | 16.704  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 197429   | 19.454  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 205429   | 19.037  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 206909   | 19.573  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 248291   | 19.540  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 208013   | 19.704  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 109029   | 18.675  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 110311   | 18.434  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 165751   | 18.199  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 35707    | 18.490  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 112077   | 19.171  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 19155    | 18.765  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 63276    | 17.744  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 27954    | 18.483  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 234707   | 19.020  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 67306    | 18.750  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
Data File : VX042888.D  
Acq On : 07 Aug 2024 00:09  
Operator : JC/MD  
Sample : VX0806MBSD01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 37 Sample Multiplier: 1

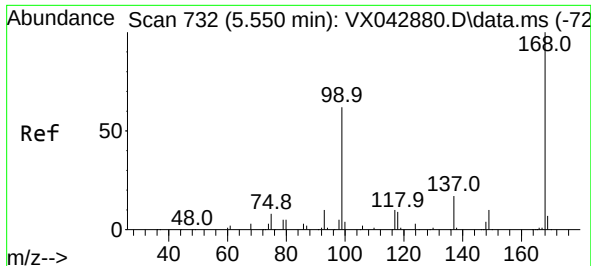
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

Quant Time: Aug 07 06:27:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 07 02:55:22 2024  
Response via : Initial Calibration

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

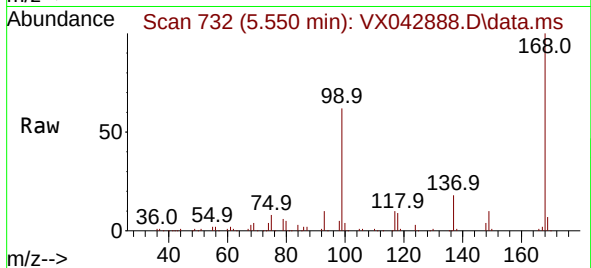
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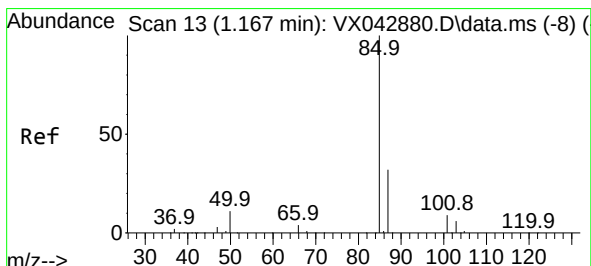
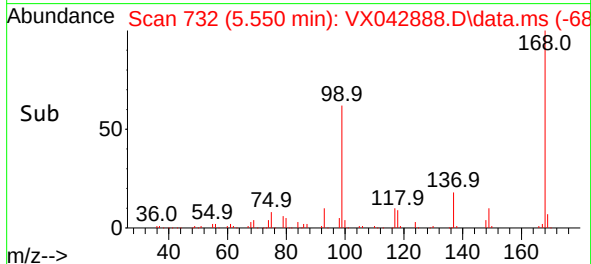
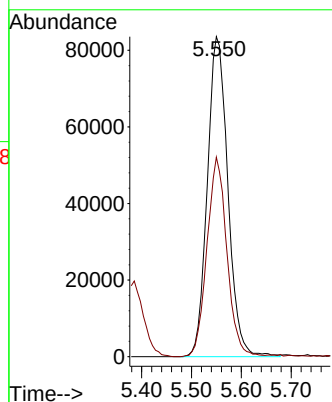


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

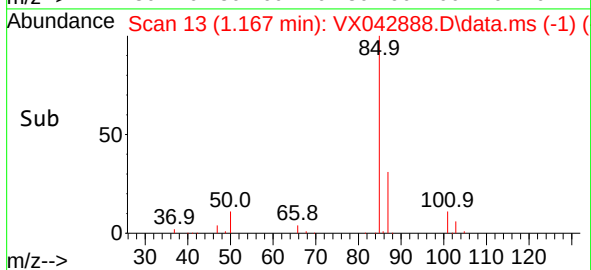
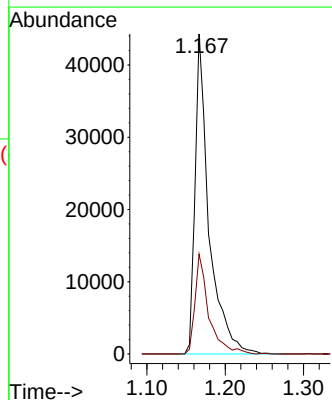
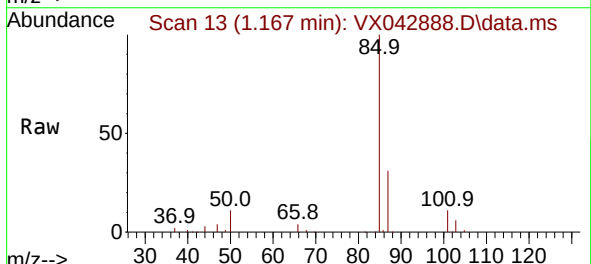


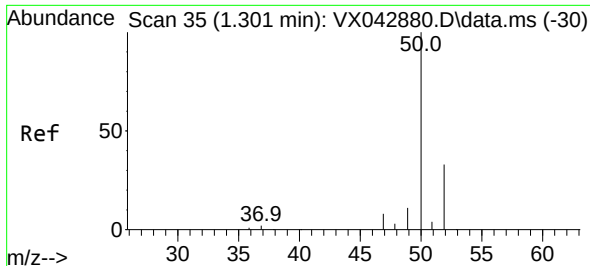
Tgt Ion:168 Resp: 239097  
Ion Ratio Lower Upper  
168 100  
99 62.4 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 21.226 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 85 Resp: 54704  
Ion Ratio Lower Upper  
85 100  
87 31.2 16.7 50.1

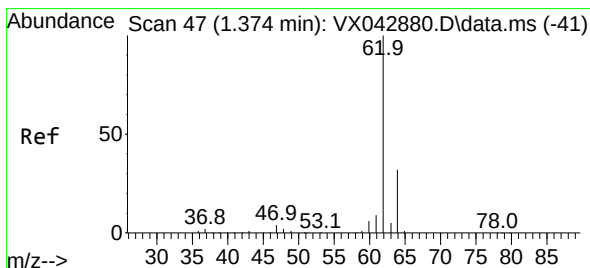
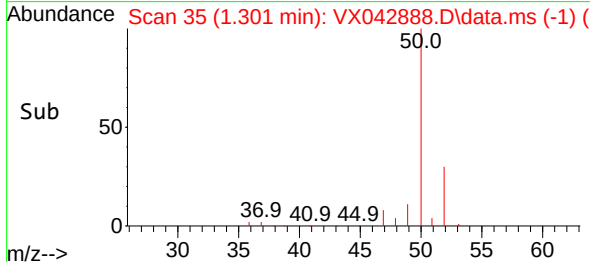
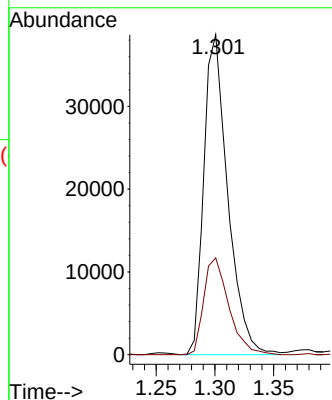
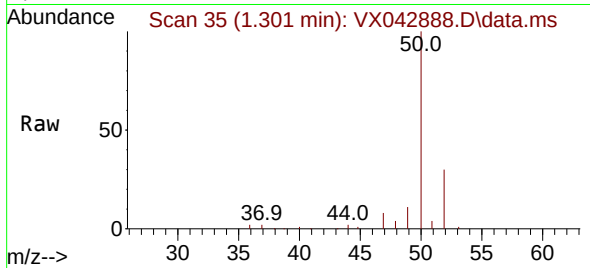




#3  
Chloromethane  
Concen: 19.533 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

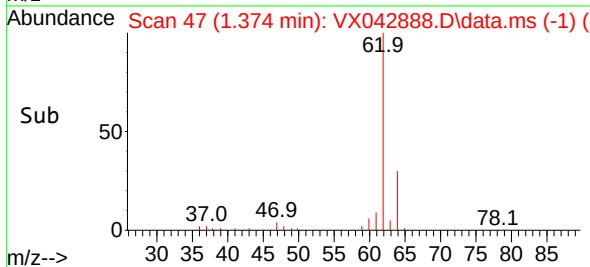
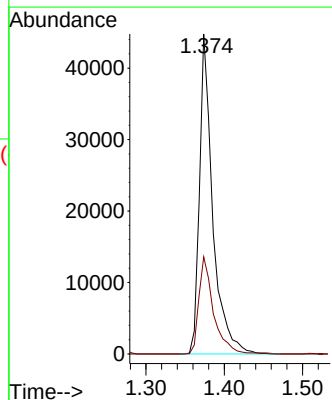
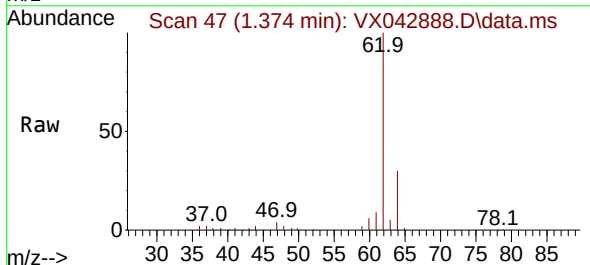
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

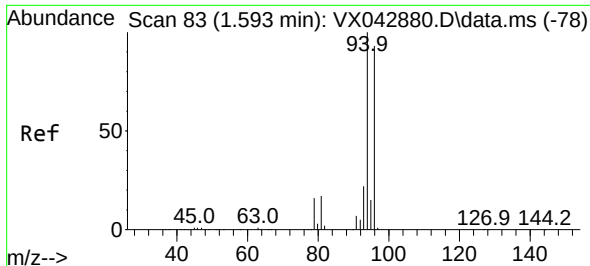
Tgt Ion: 50 Resp: 54850  
Ion Ratio Lower Upper  
50 100  
52 30.3 25.5 38.3



#4  
Vinyl Chloride  
Concen: 19.757 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 62 Resp: 52639  
Ion Ratio Lower Upper  
62 100  
64 30.3 25.4 38.0

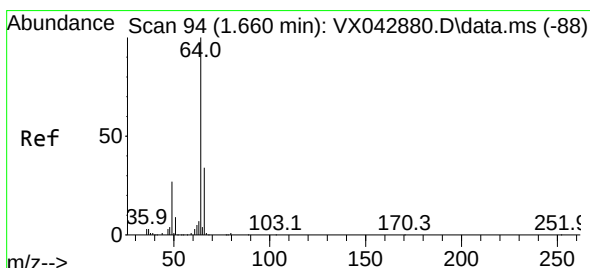
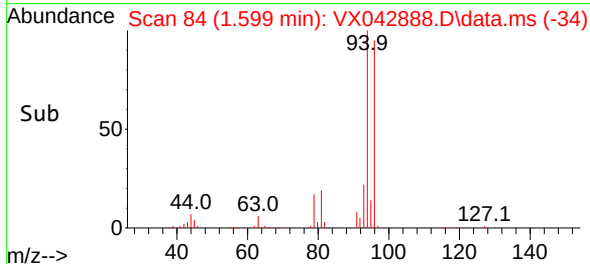
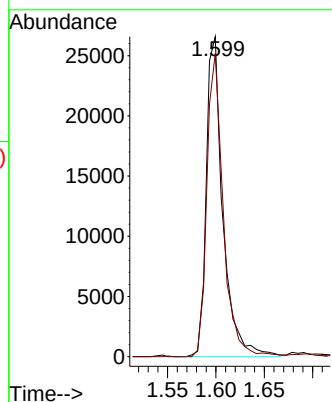
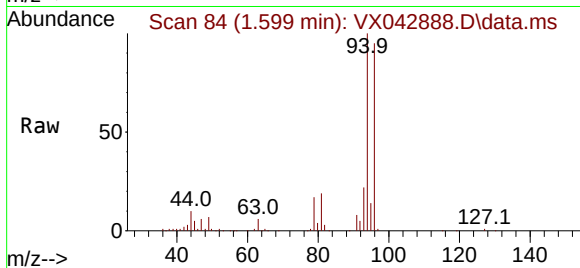




#5  
Bromomethane  
Concen: 19.681 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

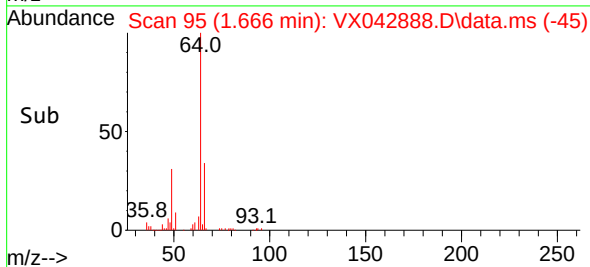
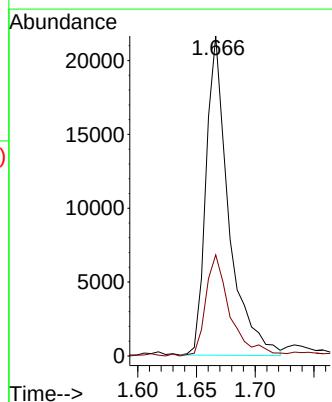
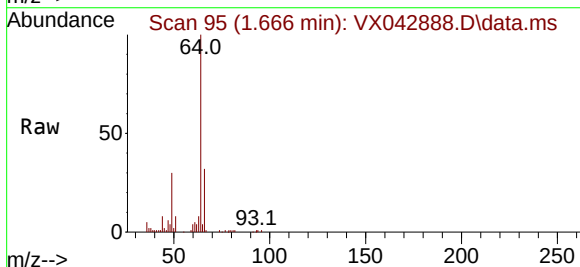
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

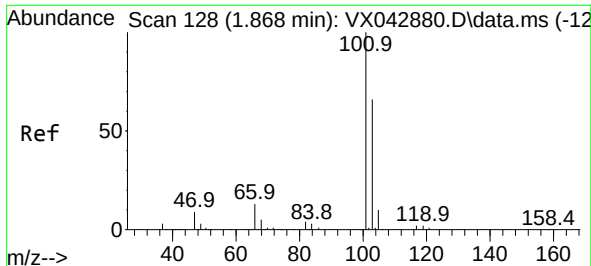
Tgt Ion: 94 Resp: 31734  
Ion Ratio Lower Upper  
94 100  
96 94.7 74.6 111.8



#6  
Chloroethane  
Concen: 19.081 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 64 Resp: 28962  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.1 37.7

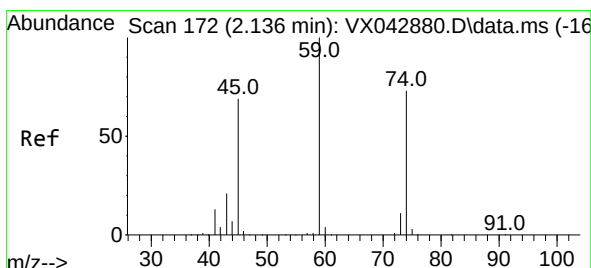
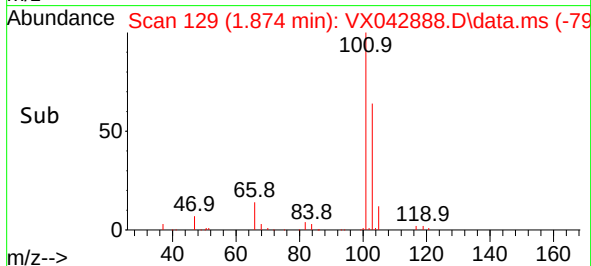
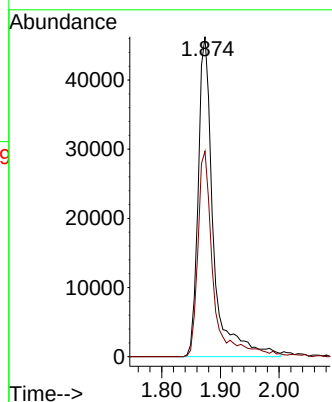
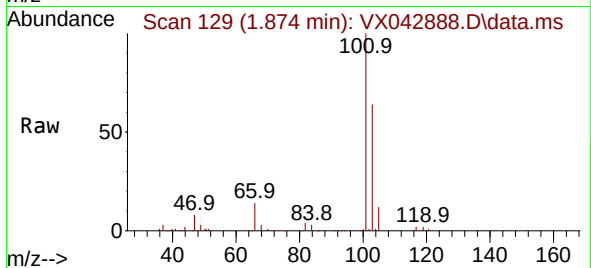




#7  
 Trichlorofluoromethane  
 Concen: 20.133 ug/l  
 RT: 1.874 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

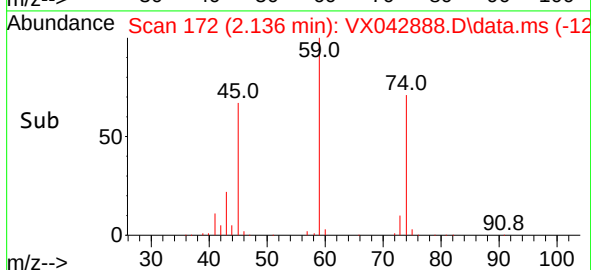
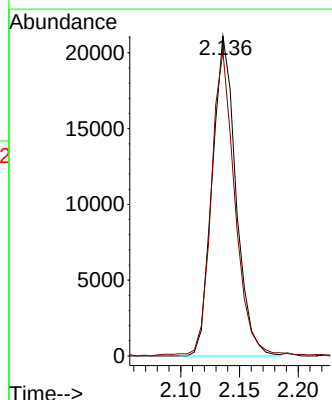
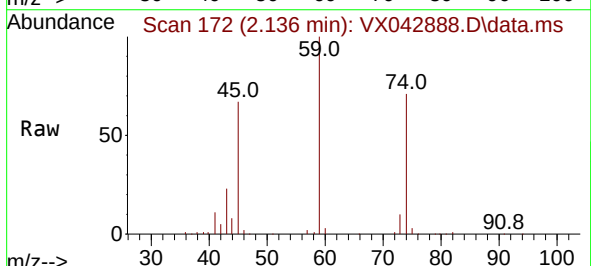
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBSD01

Tgt Ion:101 Resp: 83417  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.4 77.2

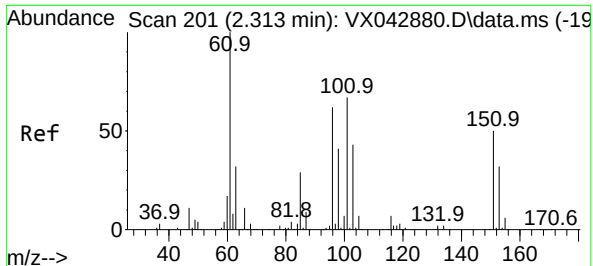


#8  
 Diethyl Ether  
 Concen: 19.401 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

Tgt Ion: 74 Resp: 29568  
 Ion Ratio Lower Upper  
 74 100  
 45 95.8 53.3 159.8



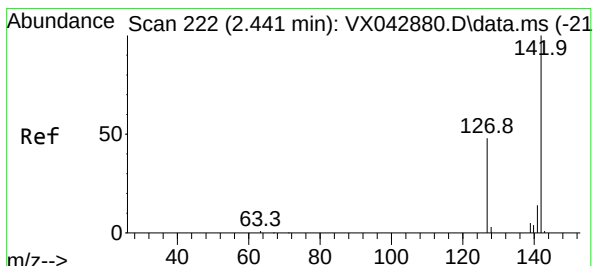
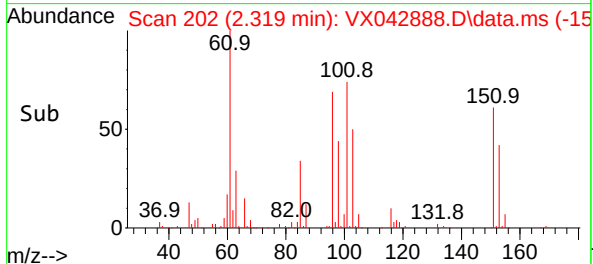
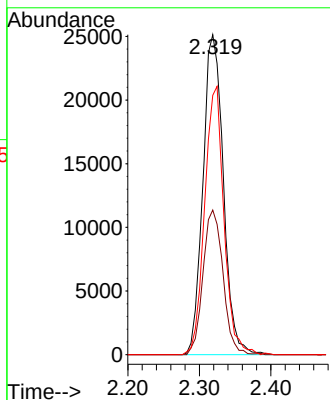
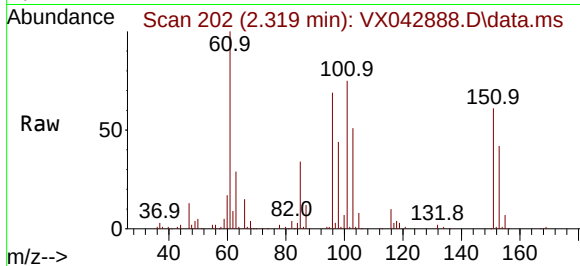




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.136 ug/l  
RT: 2.319 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

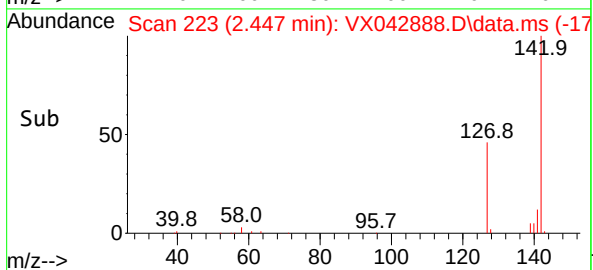
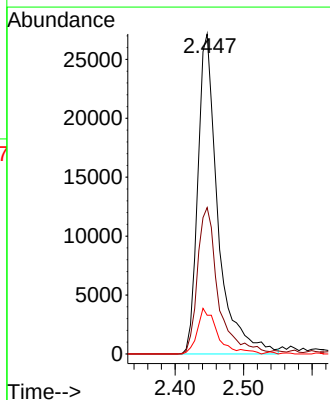
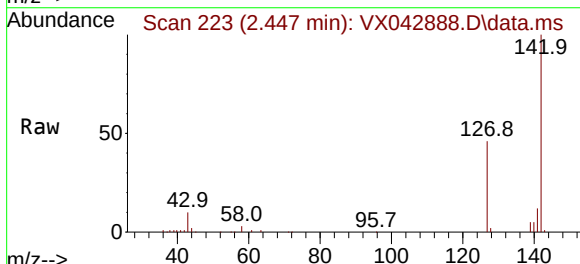
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

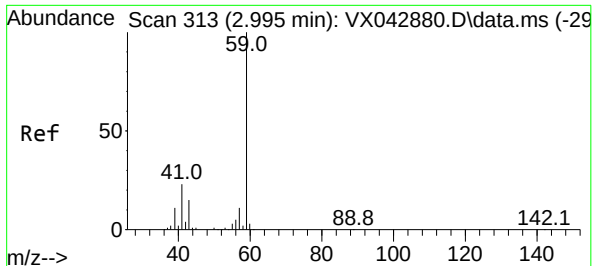
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 49851       |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 44.3  | 37.0 55.6   |
| 151         | 79.4  | 58.6 87.8   |



#10  
Methyl Iodide  
Concen: 20.575 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 55422       |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 47.2  | 41.6 62.4   |
| 141         | 14.3  | 11.6 17.4   |





#11

Tert butyl alcohol

Concen: 114.723 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

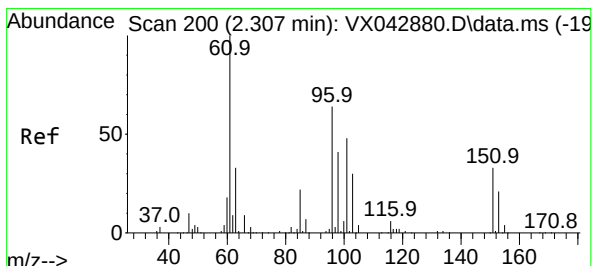
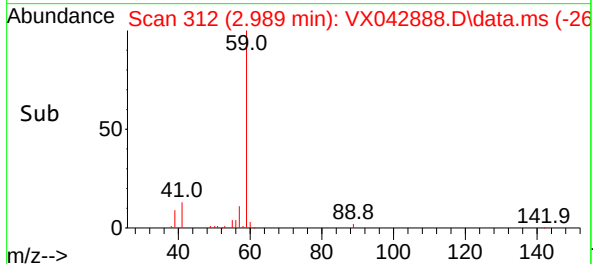
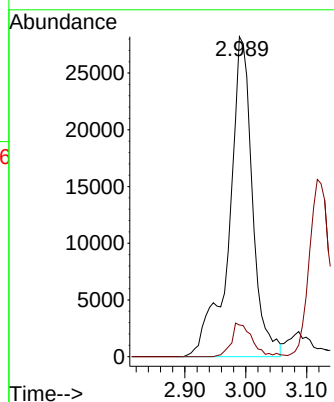
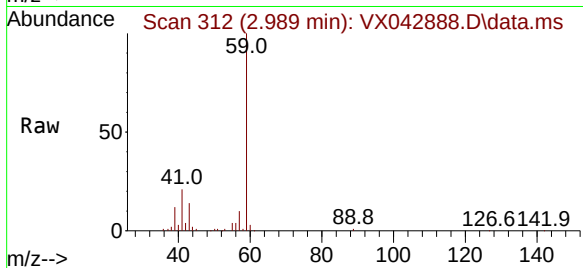
VX0807MBS01

Tgt Ion: 59 Resp: 74900

Ion Ratio Lower Upper

59 100

57 9.1 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 18.992 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

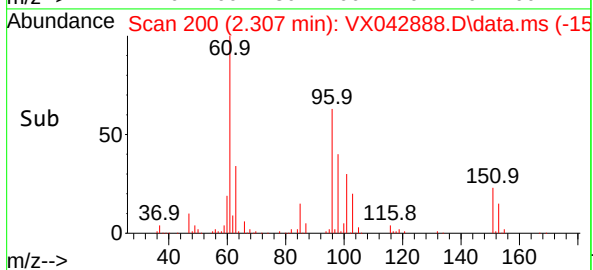
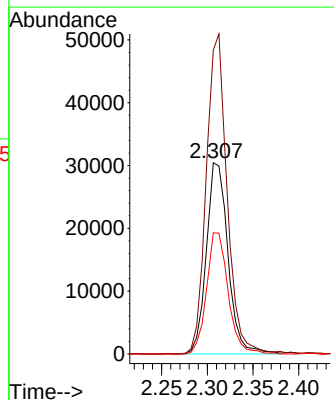
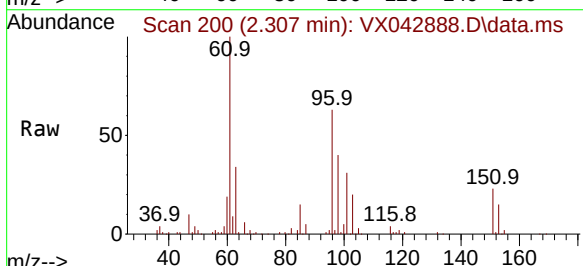
Tgt Ion: 96 Resp: 50052

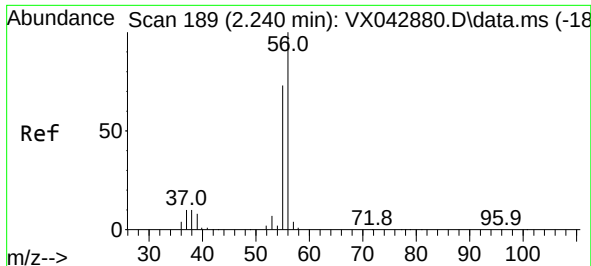
Ion Ratio Lower Upper

96 100

61 159.0 144.6 216.8

98 63.3 50.4 75.6

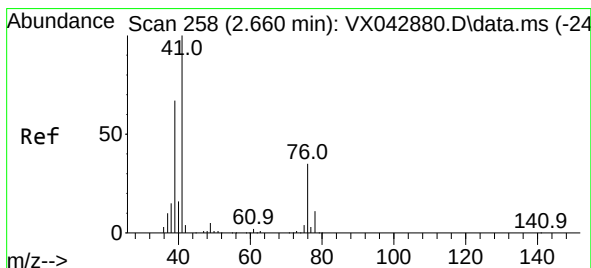
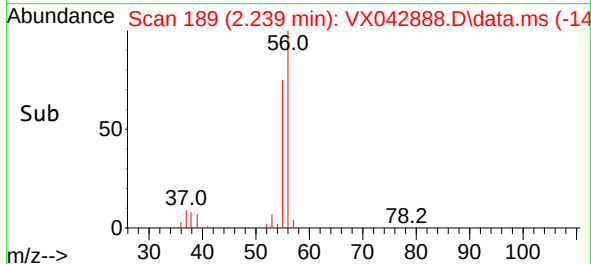
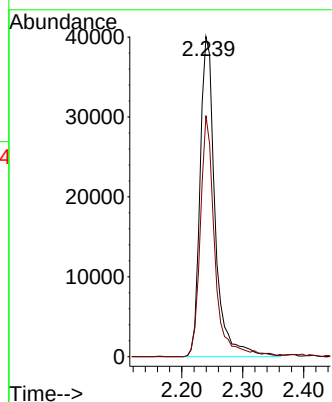
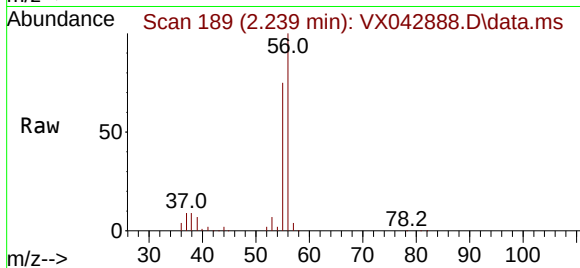




#13  
Acrolein  
Concen: 106.700 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

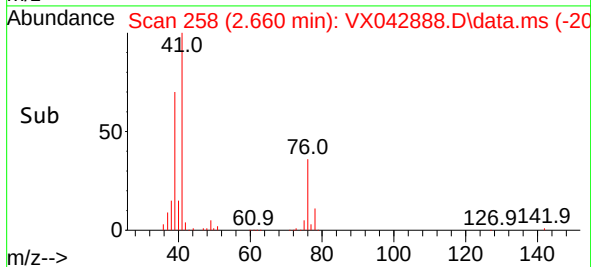
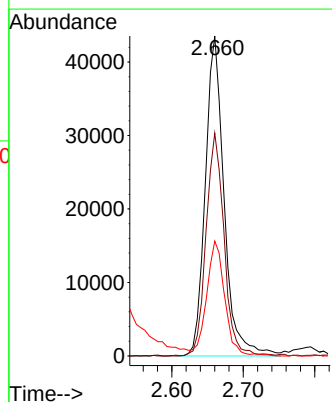
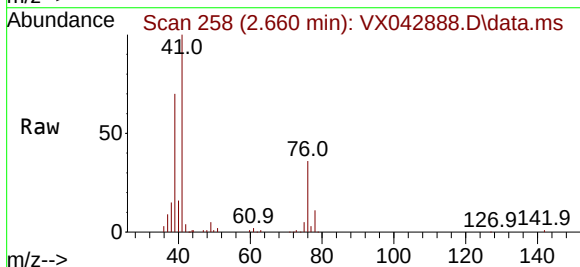
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

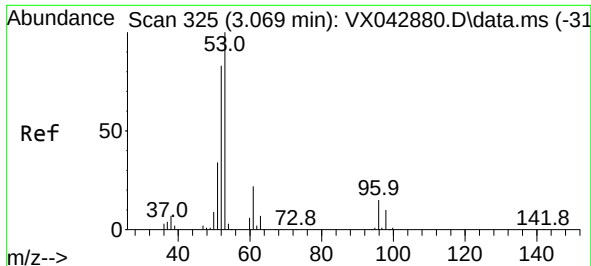
Tgt Ion: 56 Resp: 68665  
Ion Ratio Lower Upper  
56 100  
55 72.4 57.1 85.7



#14  
Allyl chloride  
Concen: 20.019 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 41 Resp: 79715  
Ion Ratio Lower Upper  
41 100  
39 66.7 55.8 83.6  
76 34.6 24.3 36.5

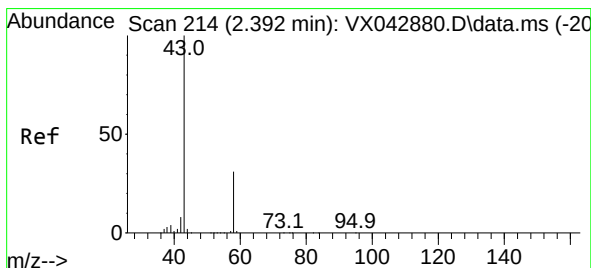
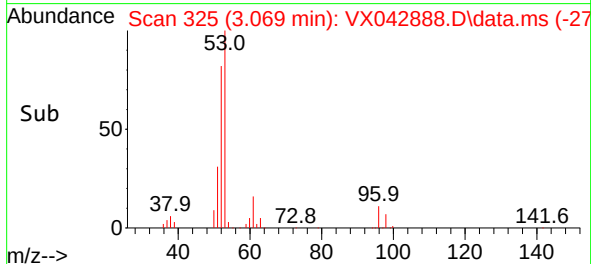
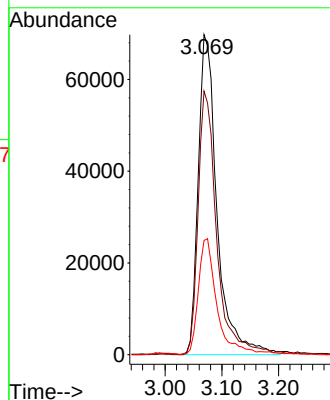
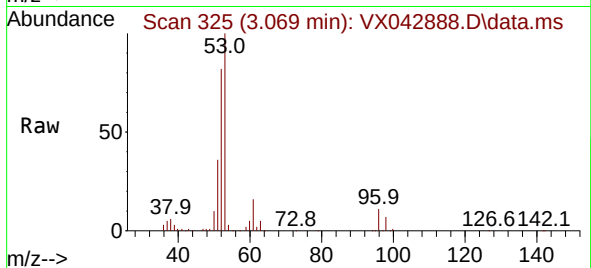




#15  
Acrylonitrile  
Concen: 96.751 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

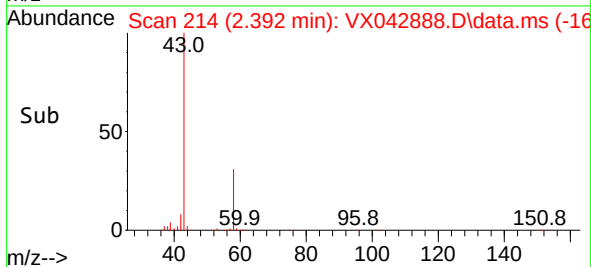
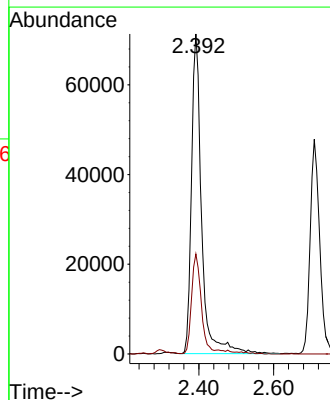
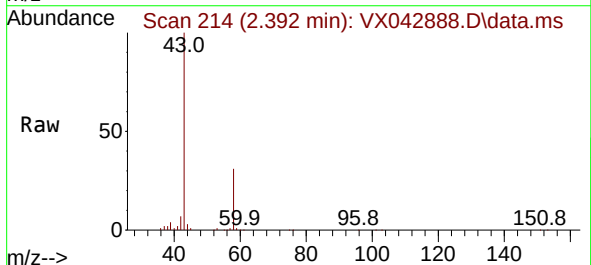
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

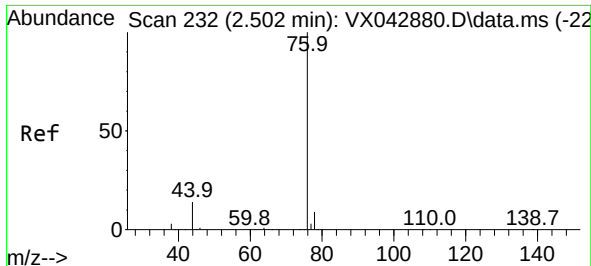
Tgt Ion: 53 Resp: 161222  
Ion Ratio Lower Upper  
53 100  
52 82.0 66.0 99.0  
51 36.5 29.8 44.6



#16  
Acetone  
Concen: 93.979 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 43 Resp: 133796  
Ion Ratio Lower Upper  
43 100  
58 31.3 21.9 32.9

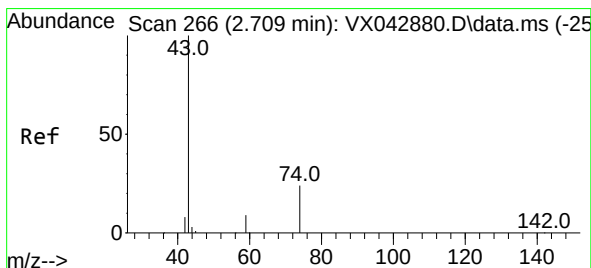
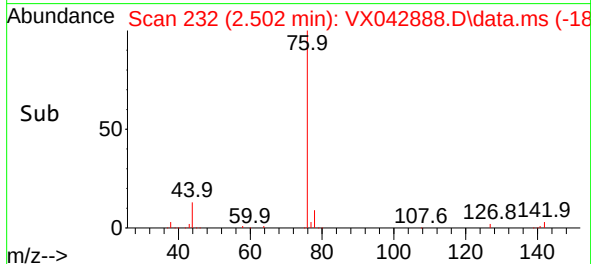
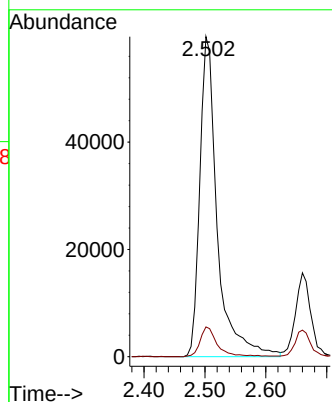
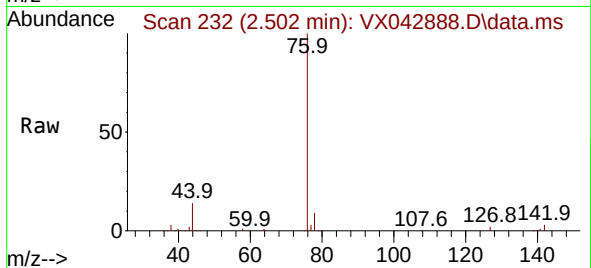




#17  
Carbon Disulfide  
Concen: 18.544 ug/l  
RT: 2.502 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

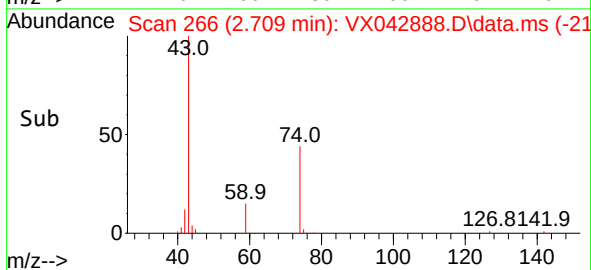
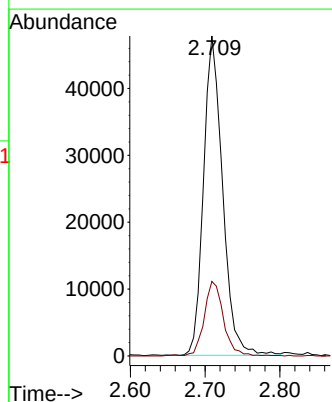
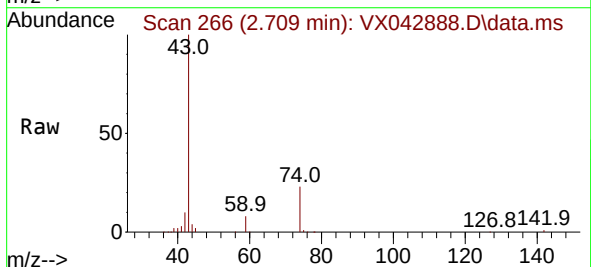
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

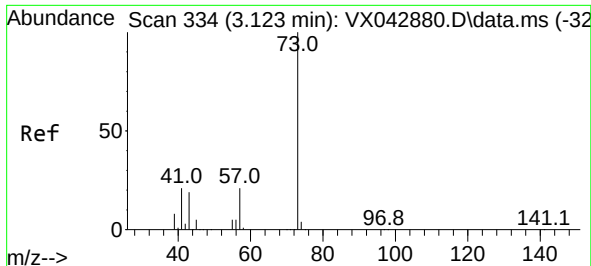
Tgt Ion: 76 Resp: 118921  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6



#18  
Methyl Acetate  
Concen: 18.778 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 43 Resp: 84775  
Ion Ratio Lower Upper  
43 100  
74 23.7 17.8 26.8

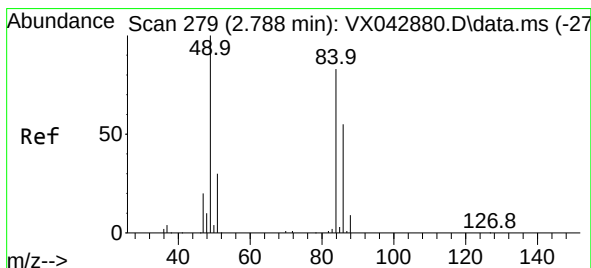
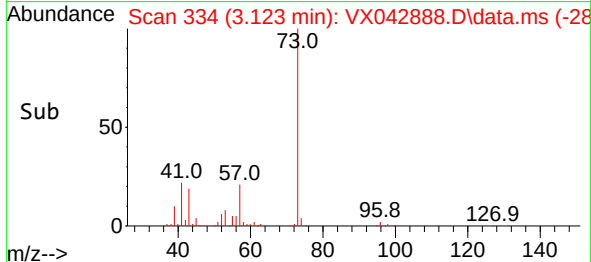
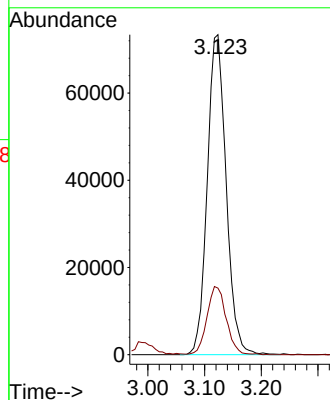
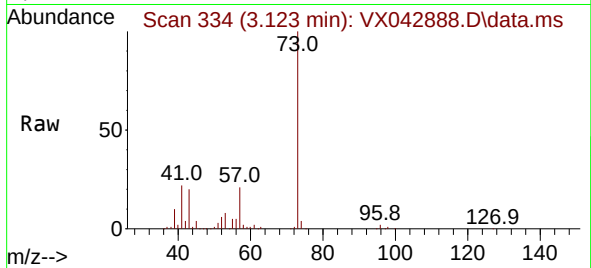




#19  
Methyl tert-butyl Ether  
Concen: 19.132 ug/l  
RT: 3.123 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

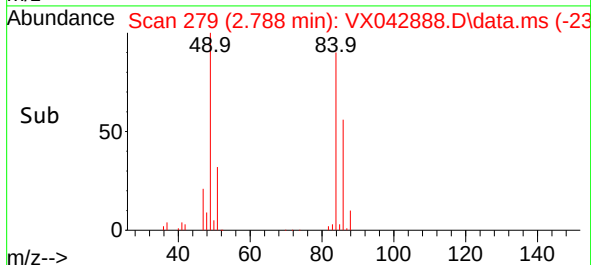
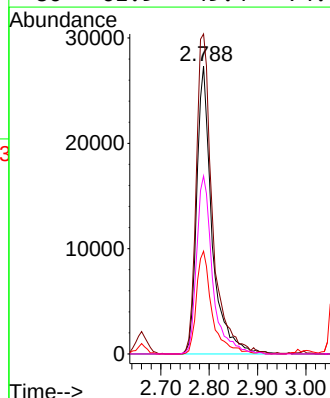
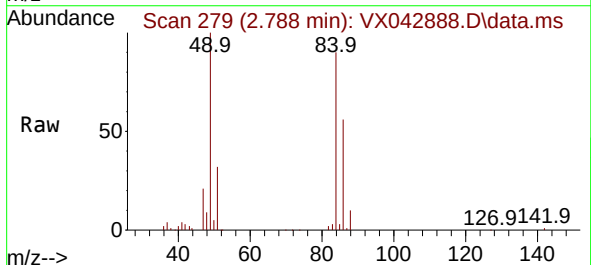
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

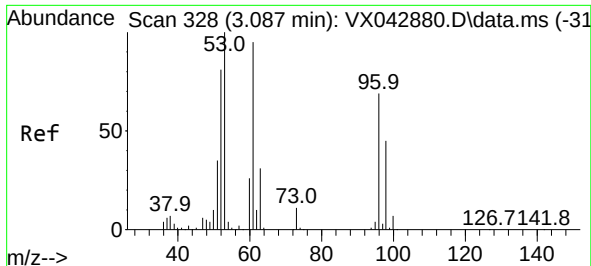
Tgt Ion: 73 Resp: 169703  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.669 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 84 Resp: 59957  
Ion Ratio Lower Upper  
84 100  
49 111.2 103.6 155.4  
51 35.7 33.8 50.6  
86 61.9 49.4 74.0

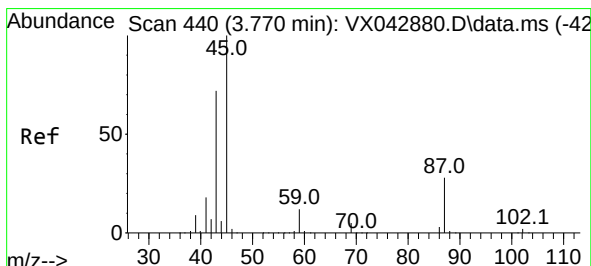
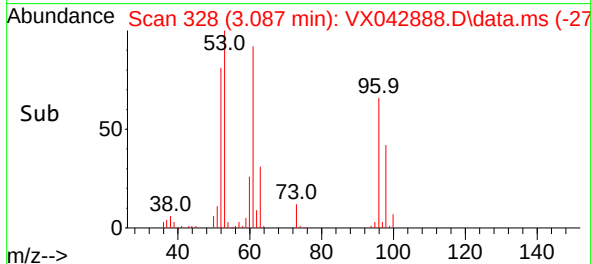
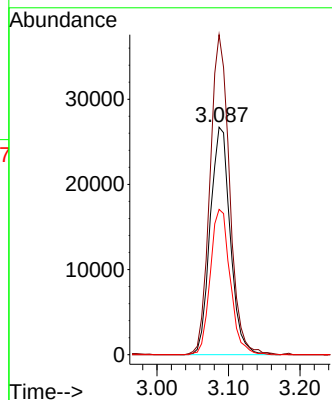
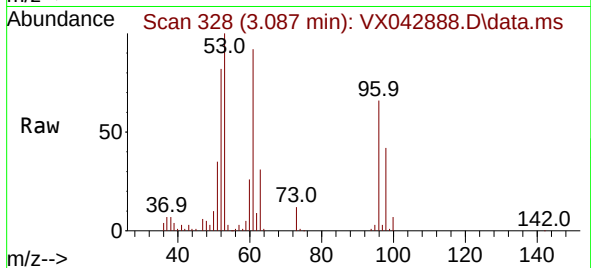




#21  
trans-1,2-Dichloroethene  
Concen: 19.671 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

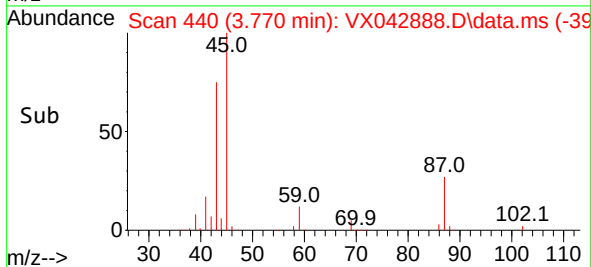
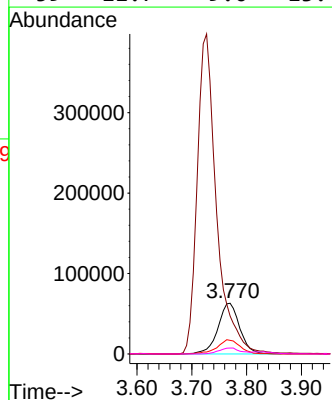
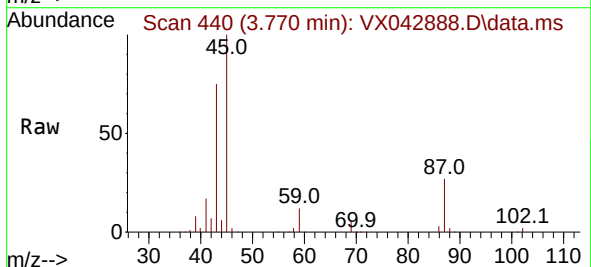
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

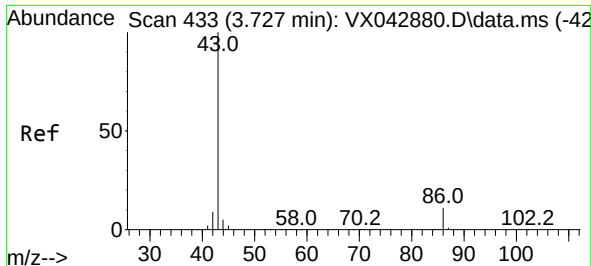
Tgt Ion: 96 Resp: 52155  
Ion Ratio Lower Upper  
96 100  
61 140.6 119.2 178.8  
98 63.9 48.7 73.1



#22  
Diisopropyl ether  
Concen: 19.879 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 45 Resp: 173897  
Ion Ratio Lower Upper  
45 100  
43 74.5 69.7 104.5  
87 26.7 20.8 31.2  
59 11.7 9.0 13.4

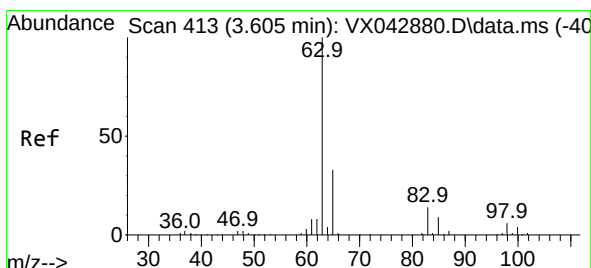
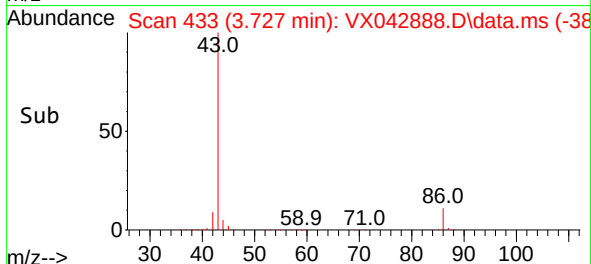
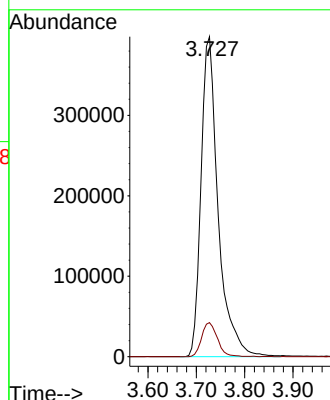
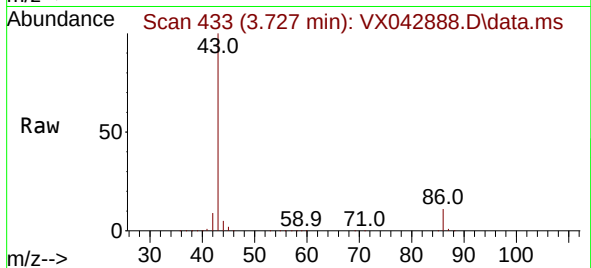




#23  
 Vinyl Acetate  
 Concen: 98.497 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

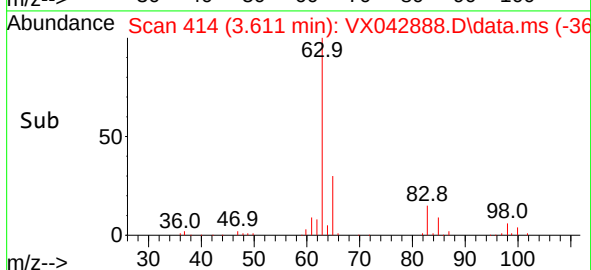
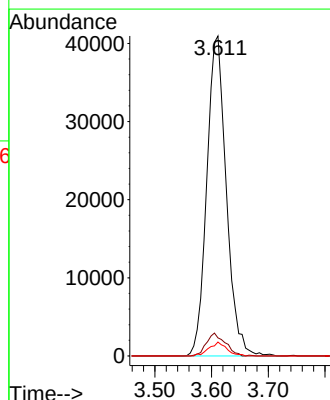
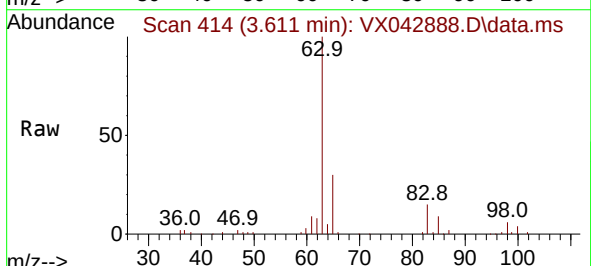
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBSD01

Tgt Ion: 43 Resp: 977920  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 7.8 11.8

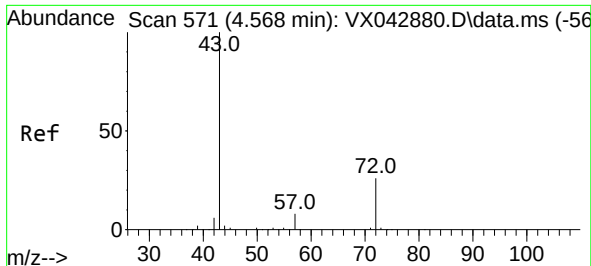


#24  
 1,1-Dichloroethane  
 Concen: 19.447 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

Tgt Ion: 63 Resp: 97838  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.3 9.8  
 100 4.3 2.1 6.5







#25

2-Butanone

Concen: 96.485 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

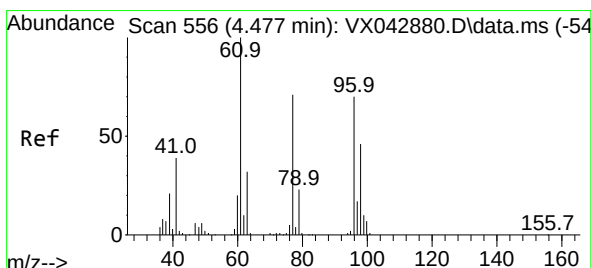
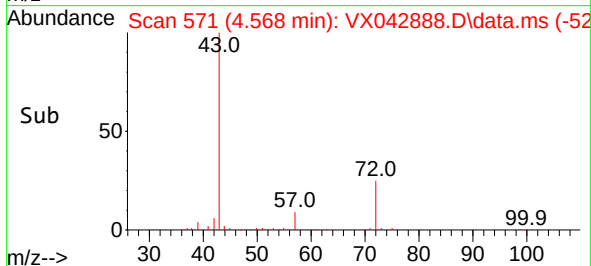
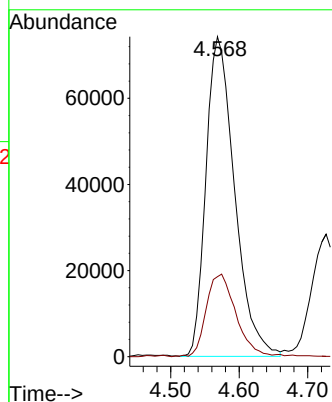
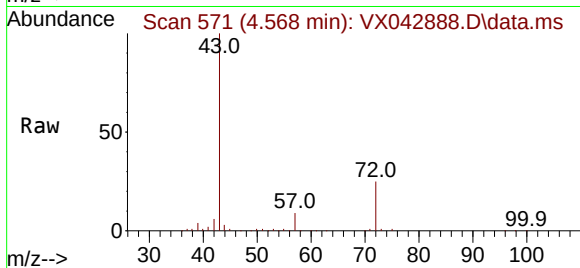
VX0807MBS01

Tgt Ion: 43 Resp: 215719

Ion Ratio Lower Upper

43 100

72 24.8 19.4 29.2



#26

2,2-Dichloropropane

Concen: 15.140 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX042888.D

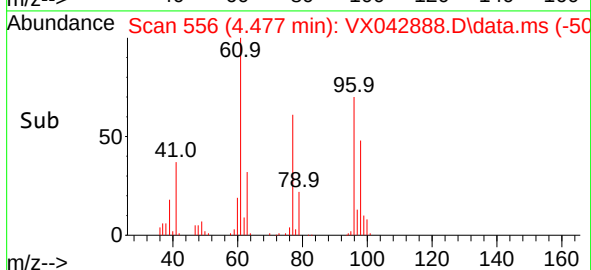
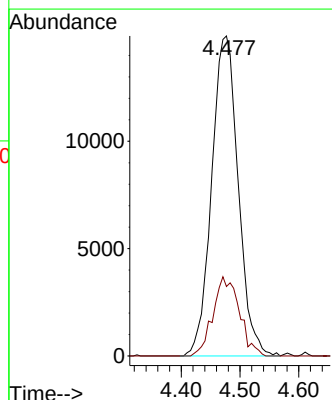
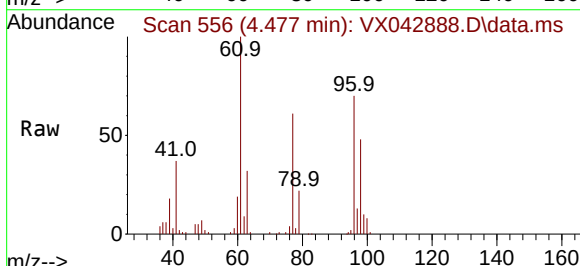
Acq: 07 Aug 2024 00:09

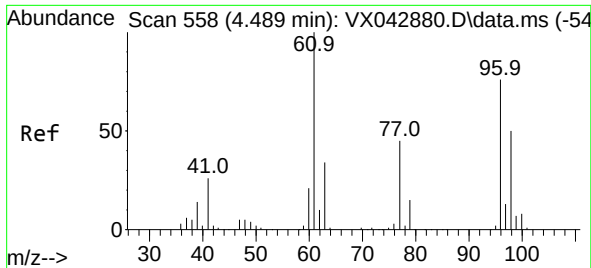
Tgt Ion: 77 Resp: 46829

Ion Ratio Lower Upper

77 100

97 24.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.980 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

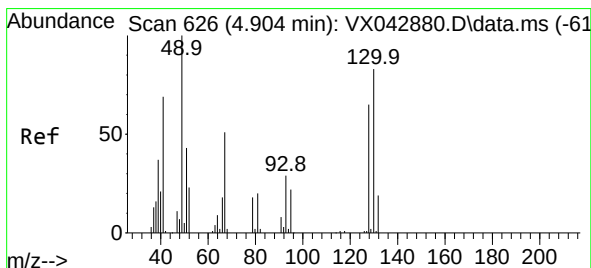
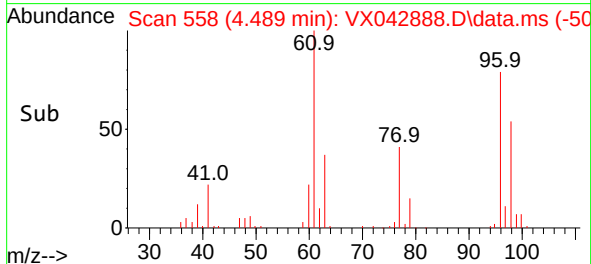
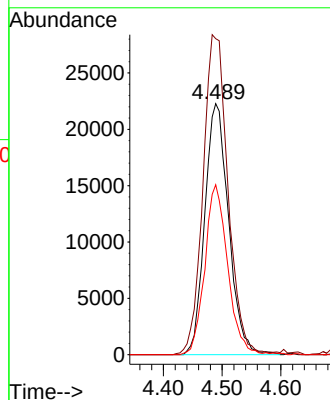
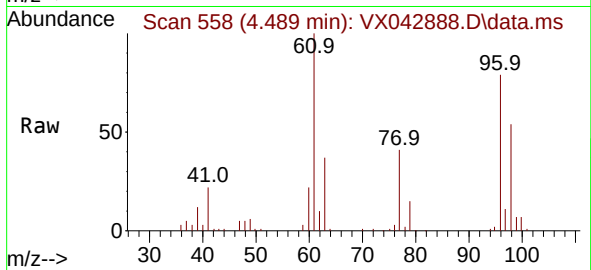
Tgt Ion: 96 Resp: 62825

Ion Ratio Lower Upper

96 100

61 133.6 0.0 312.2

98 64.7 0.0 129.0



#28

Bromochloromethane

Concen: 19.144 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

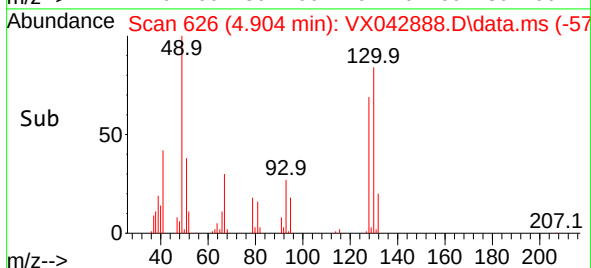
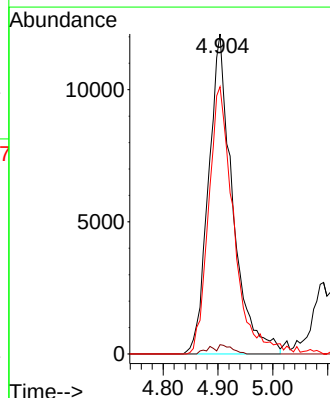
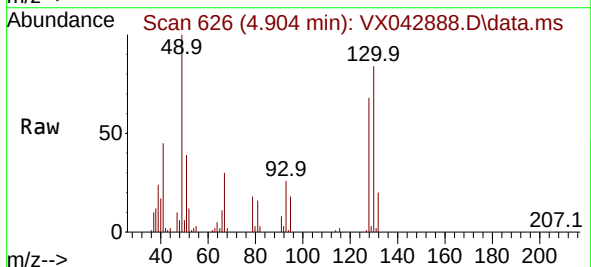
Tgt Ion: 49 Resp: 36957

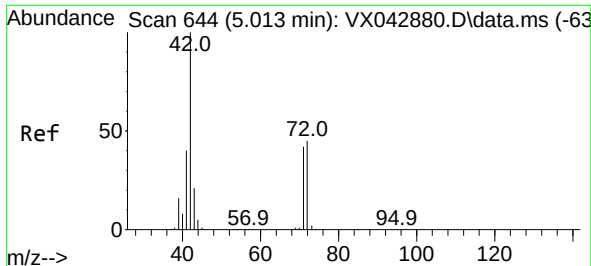
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 86.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 95.195 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

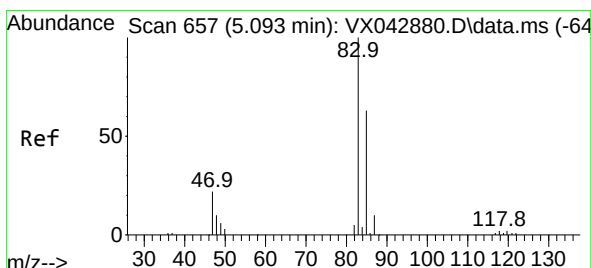
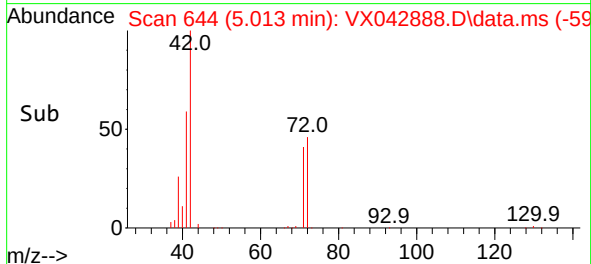
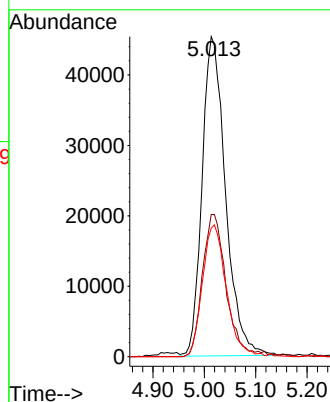
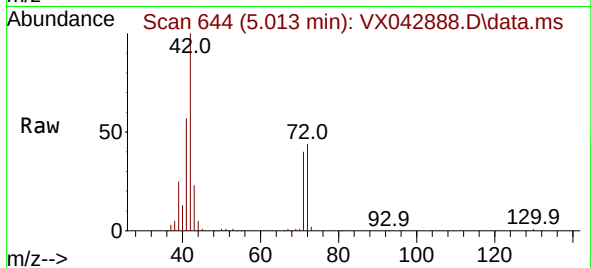
Tgt Ion: 42 Resp: 143821

Ion Ratio Lower Upper

42 100

72 45.3 34.2 51.4

71 42.0 32.2 48.2



#30

Chloroform

Concen: 19.123 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX042888.D

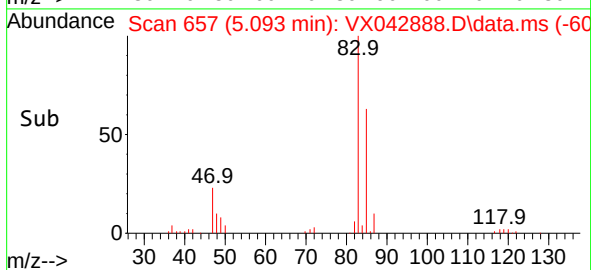
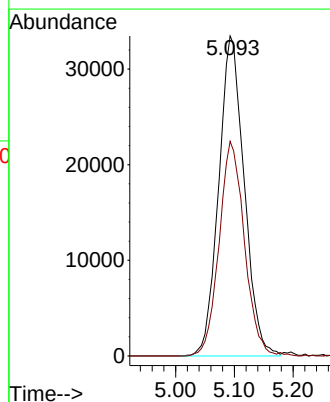
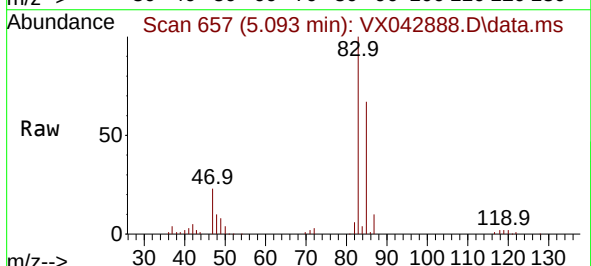
Acq: 07 Aug 2024 00:09

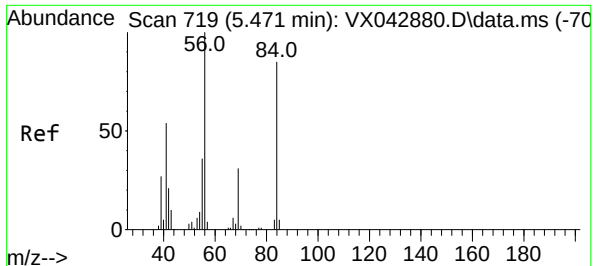
Tgt Ion: 83 Resp: 100718

Ion Ratio Lower Upper

83 100

85 67.1 50.3 75.5

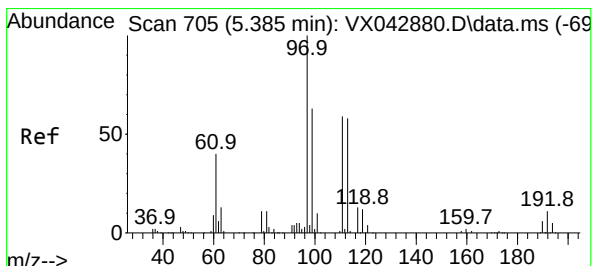
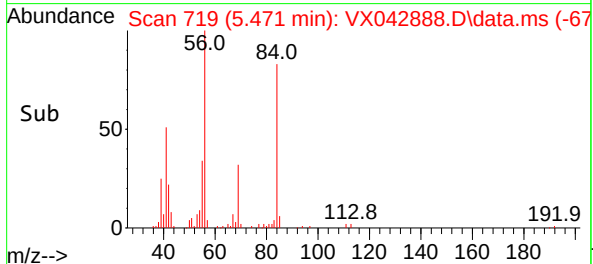
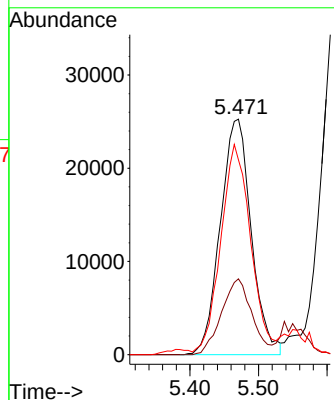
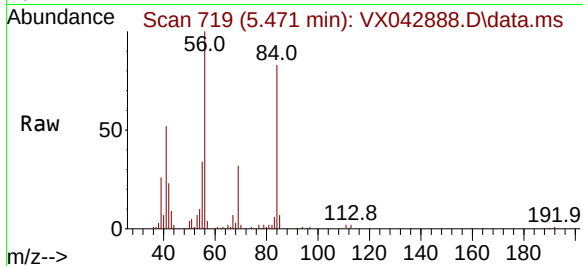




#31  
Cyclohexane  
Concen: 19.281 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

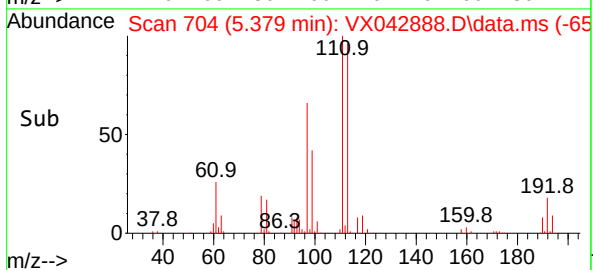
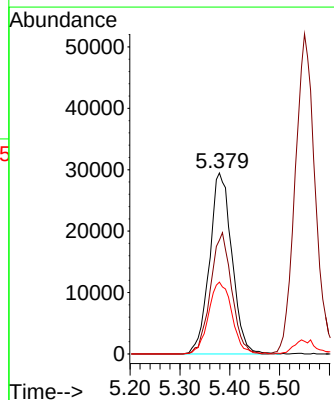
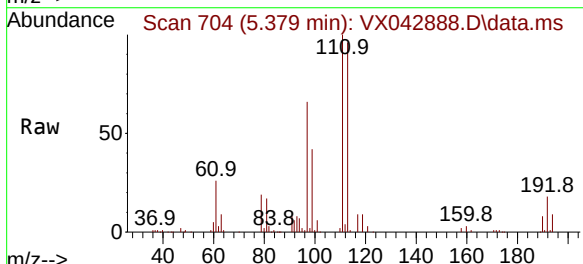
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

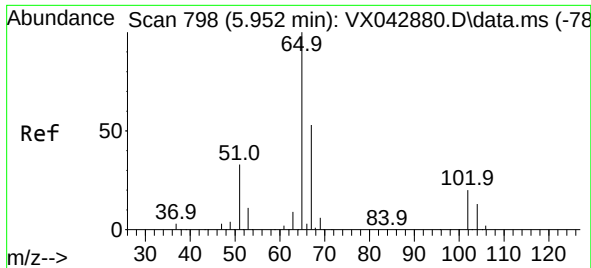
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 79187 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 32.2  | 23.4  | 35.2  |
| 84       | 80.6  | 65.9  | 98.9  |



#32  
1,1,1-Trichloroethane  
Concen: 19.811 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 91858 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.5  | 51.1  | 76.7  |
| 61       | 41.5  | 36.4  | 54.6  |





#33

1,2-Dichloroethane-d4

Concen: 53.130 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

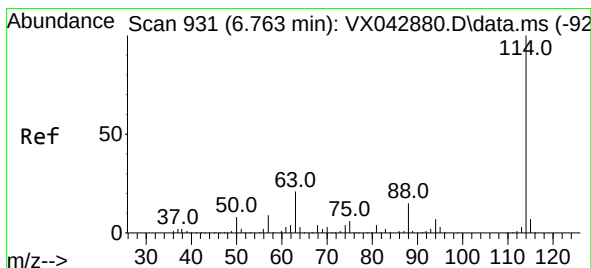
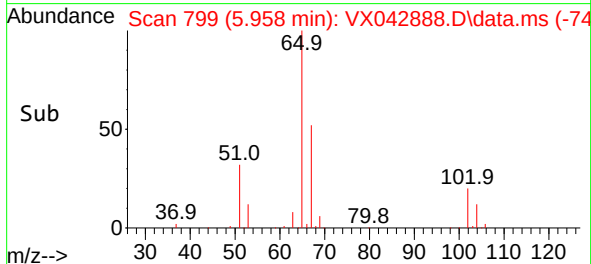
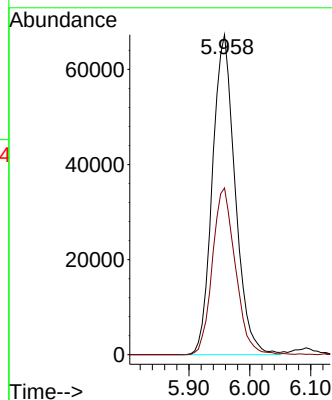
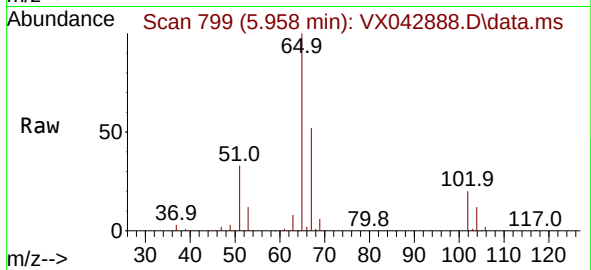
VX0807MBS01

Tgt Ion: 65 Resp: 174390

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

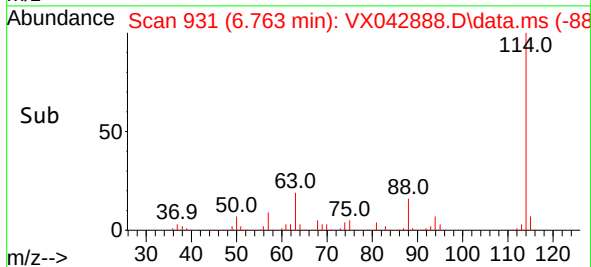
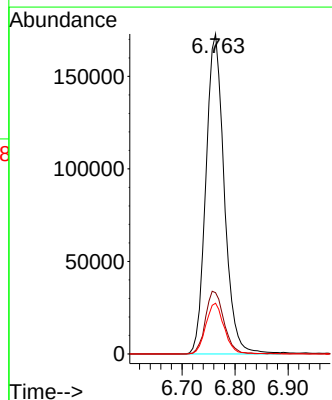
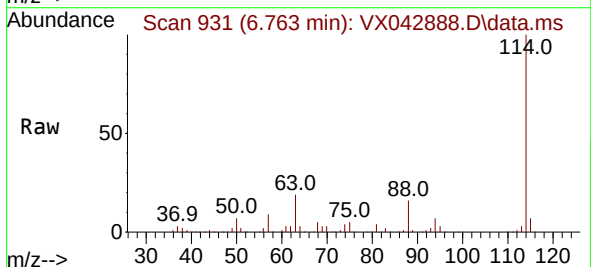
Tgt Ion: 114 Resp: 415140

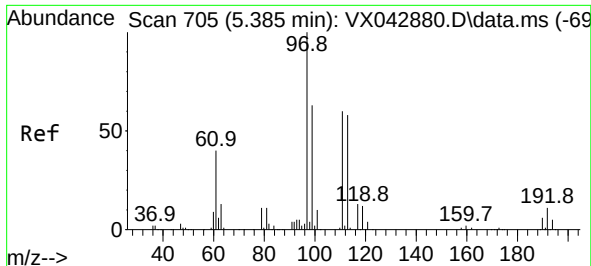
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 15.8 0.0 36.6

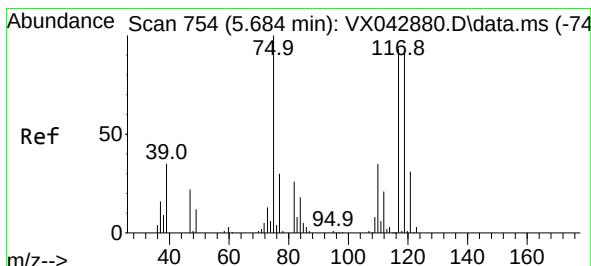
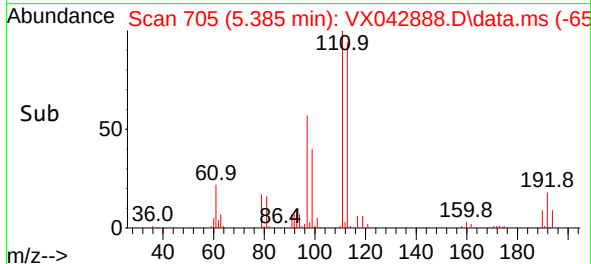
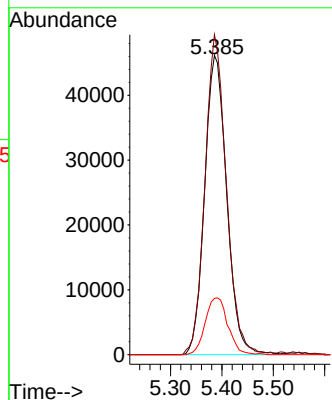
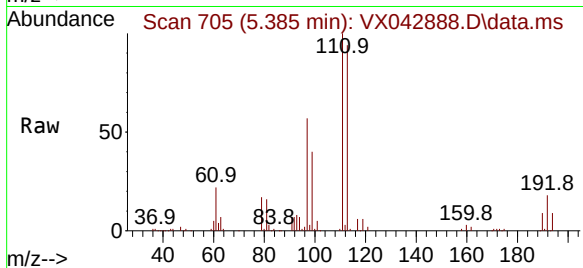




#35  
Dibromofluoromethane  
Concen: 50.760 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

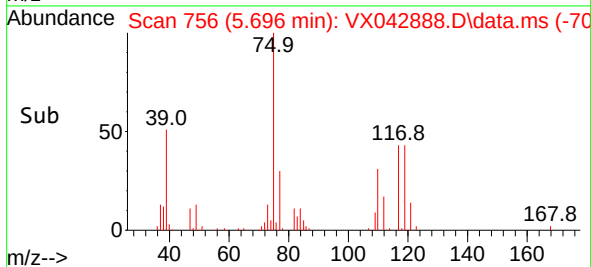
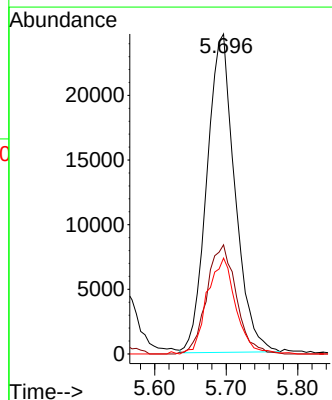
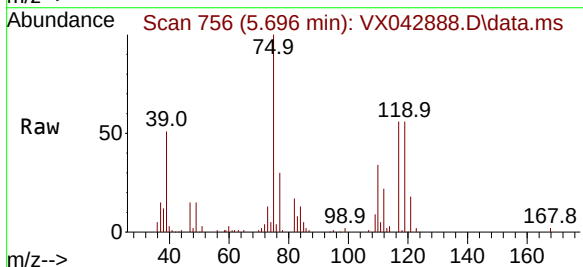
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

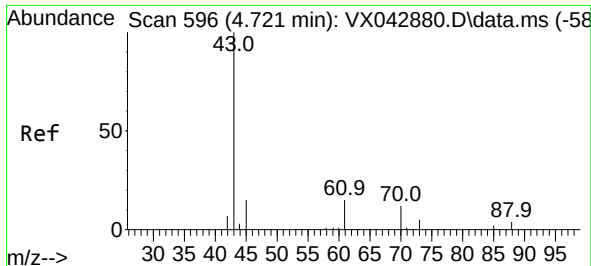
Tgt Ion:113 Resp: 137781  
Ion Ratio Lower Upper  
113 100  
111 103.8 82.9 124.3  
192 19.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 18.213 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.012 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 75 Resp: 67028  
Ion Ratio Lower Upper  
75 100  
110 36.0 17.0 50.9  
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 18.261 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

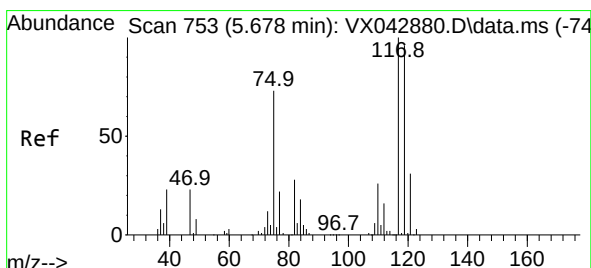
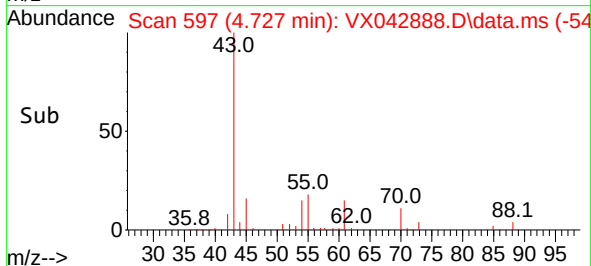
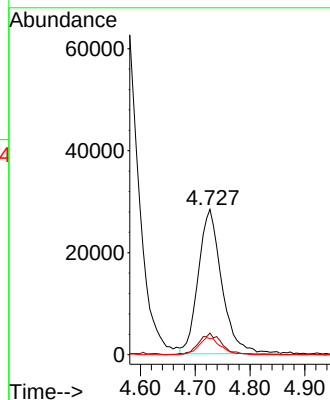
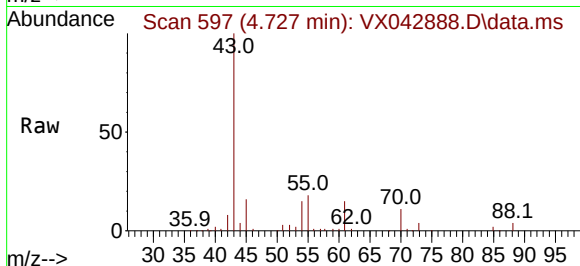
Tgt Ion: 43 Resp: 84086

Ion Ratio Lower Upper

43 100

61 14.7 10.6 16.0

70 11.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 18.312 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

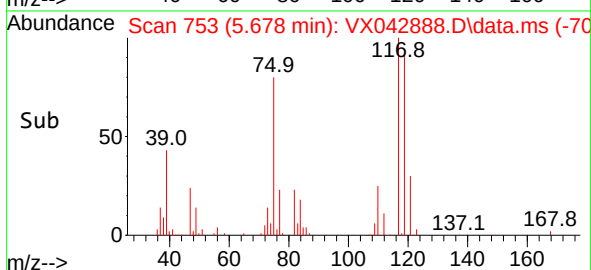
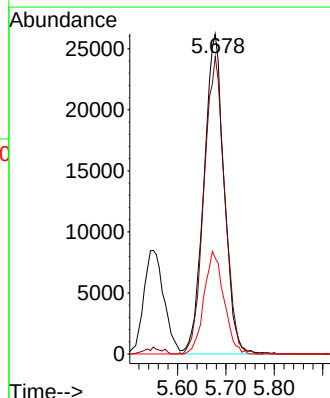
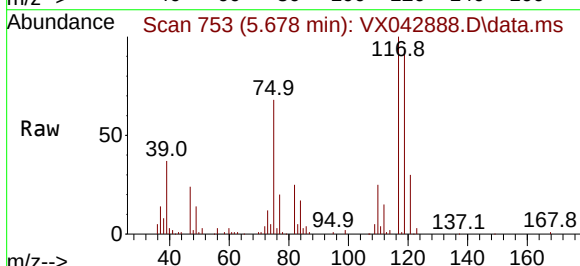
Tgt Ion: 117 Resp: 76073

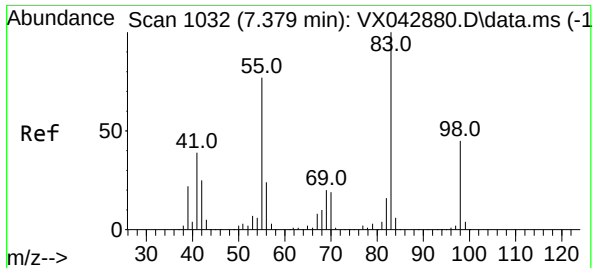
Ion Ratio Lower Upper

117 100

119 93.0 78.2 117.2

121 29.9 24.4 36.6

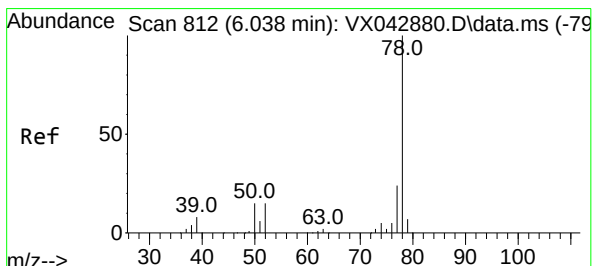
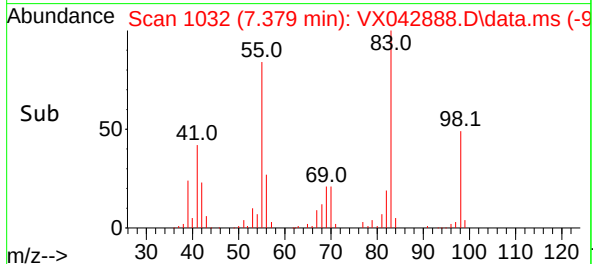
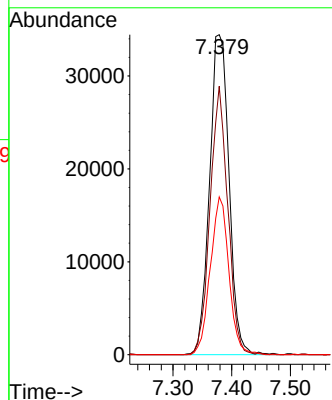
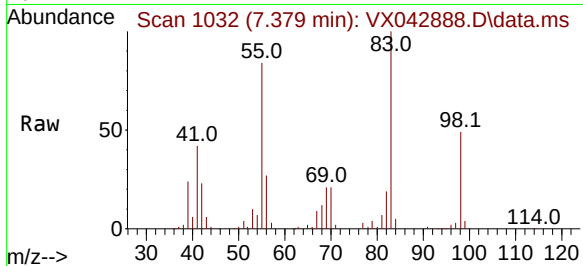




#39  
Methylcyclohexane  
Concen: 18.185 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

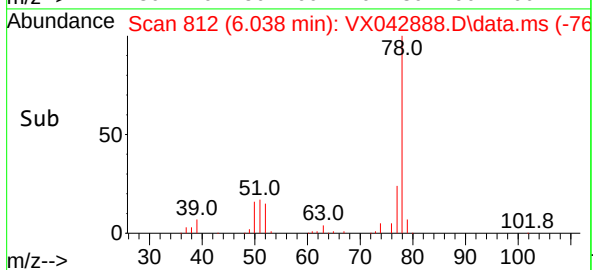
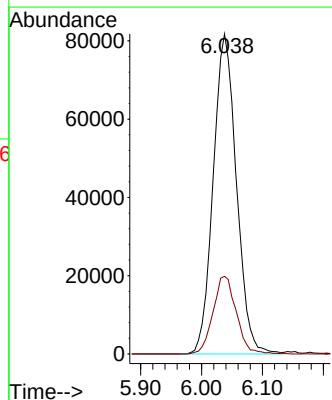
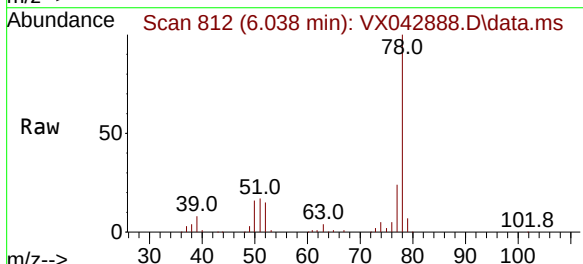
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 79556    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 83.9 64.6 97.0 |
| 98          | 49.3 36.7 55.1 |

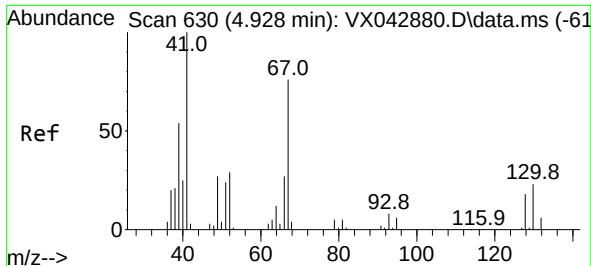


#40  
Benzene  
Concen: 18.924 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 216141   |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 24.3 19.3 28.9 |



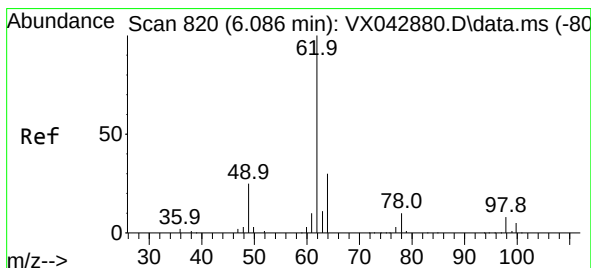
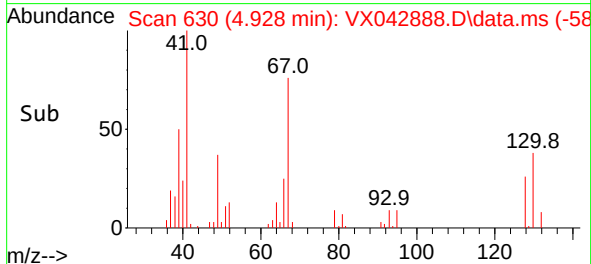
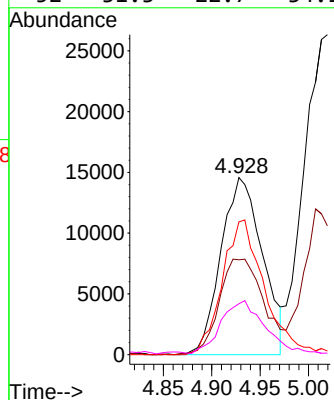
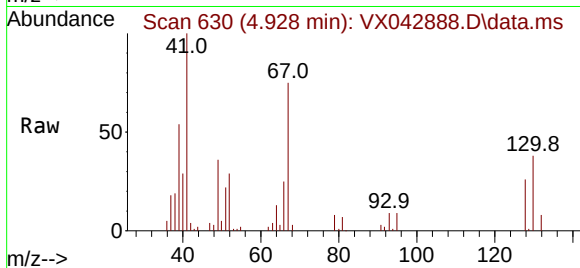




#41  
Methacrylonitrile  
Concen: 18.347 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

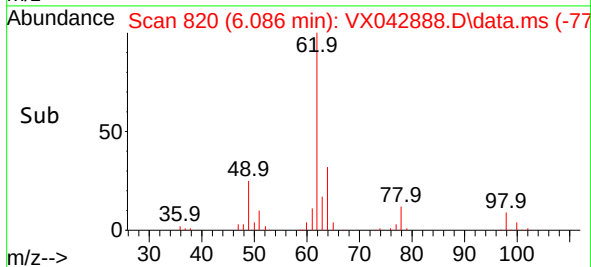
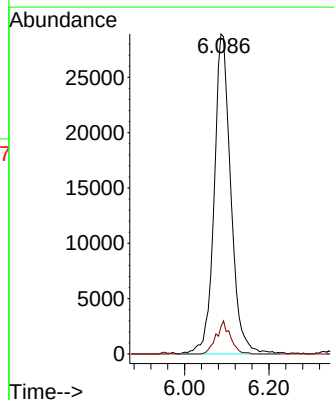
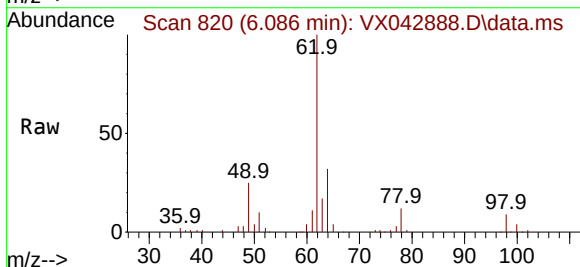
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

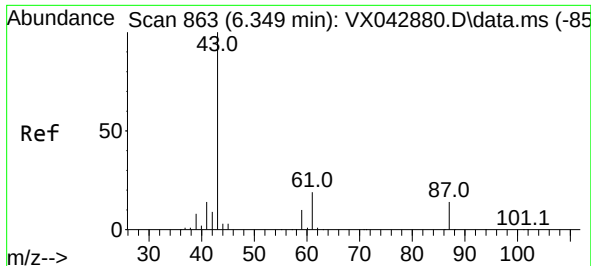
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 43512 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.7  | 45.2  | 67.8  |
| 67       | 77.7  | 52.6  | 78.8  |
| 52       | 31.3  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 19.101 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 79354 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.7   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 18.418 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

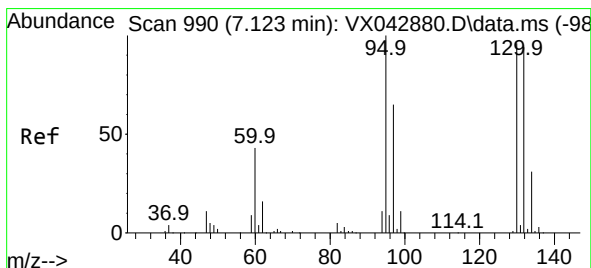
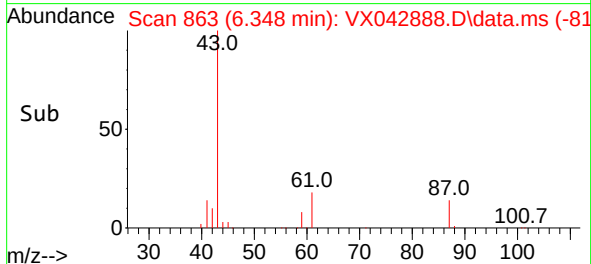
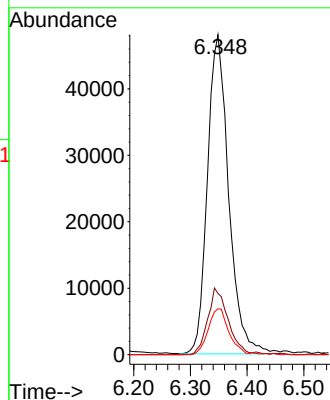
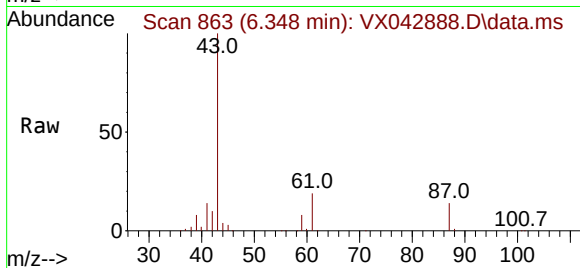
Tgt Ion: 43 Resp: 125421

Ion Ratio Lower Upper

43 100

61 20.3 15.2 22.8

87 14.3 9.8 14.6



#44

Trichloroethene

Concen: 18.341 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX042888.D

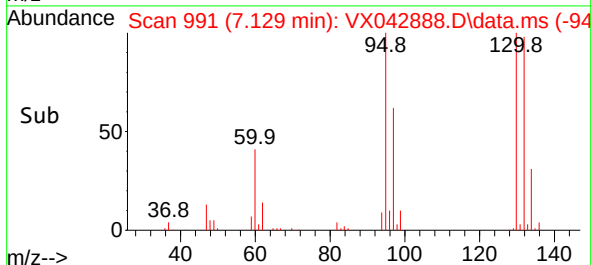
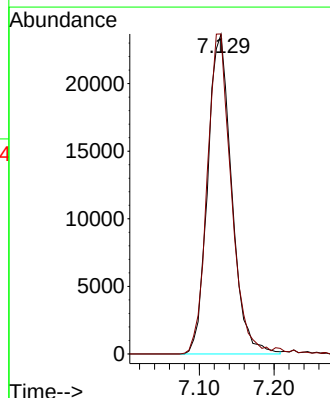
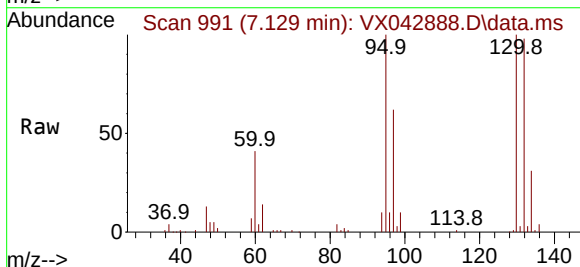
Acq: 07 Aug 2024 00:09

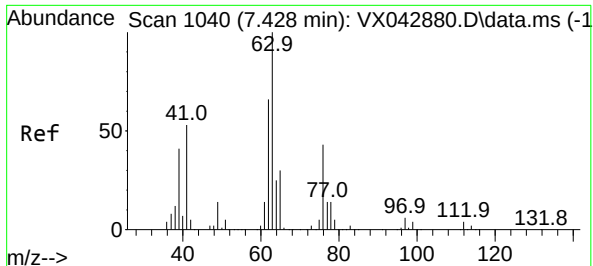
Tgt Ion:130 Resp: 52637

Ion Ratio Lower Upper

130 100

95 100.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.382 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

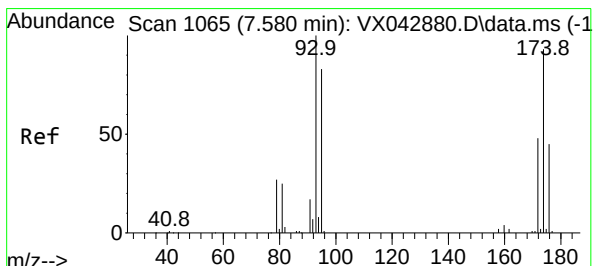
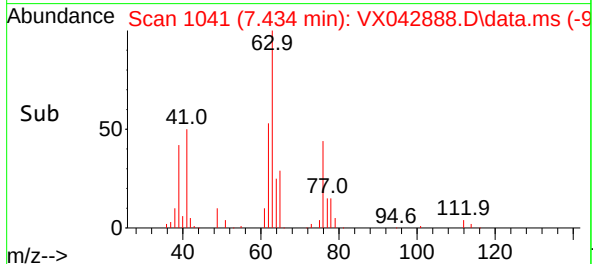
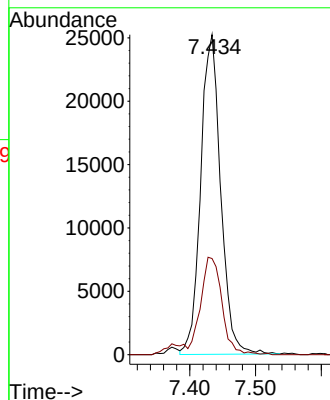
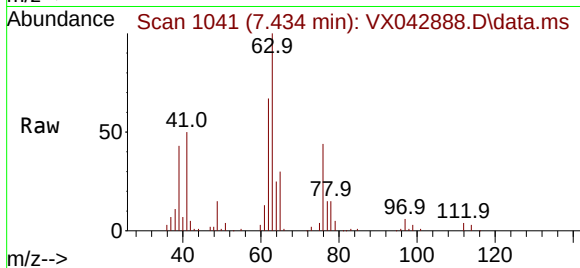
VX0807MBSD01

Tgt Ion: 63 Resp: 53259

Ion Ratio Lower Upper

63 100

65 30.1 24.3 36.5



#46

Dibromomethane

Concen: 18.849 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

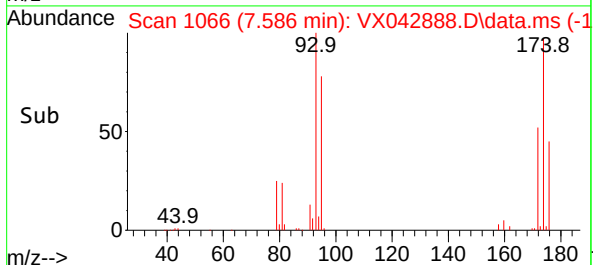
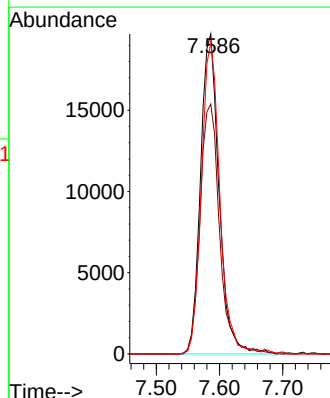
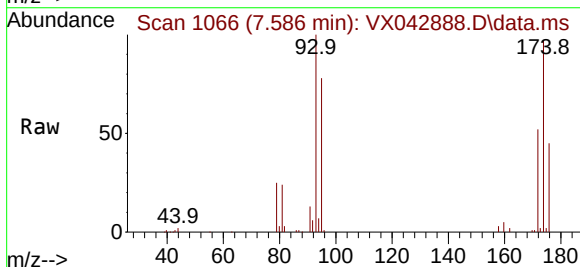
Tgt Ion: 93 Resp: 40110

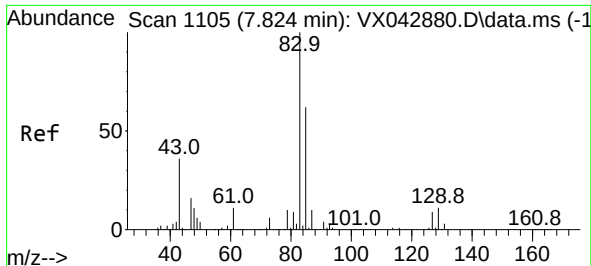
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 96.7 69.4 104.0

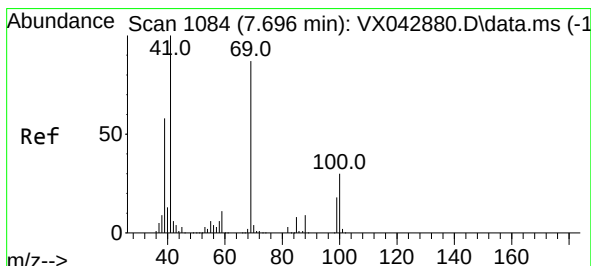
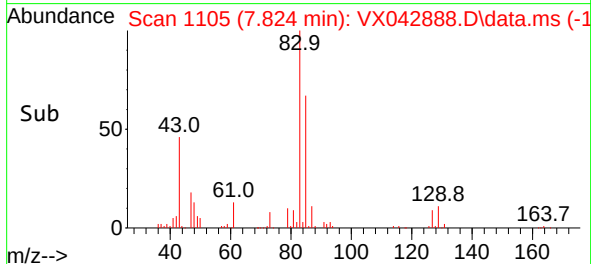
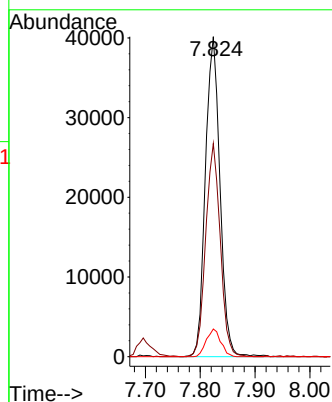
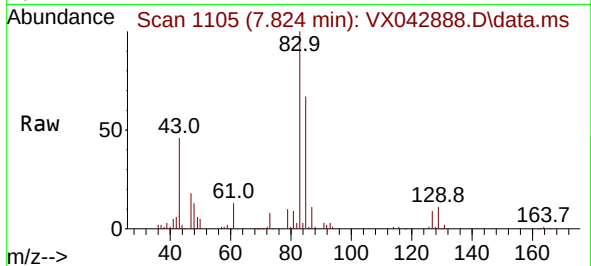




#47  
Bromodichloromethane  
Concen: 18.701 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

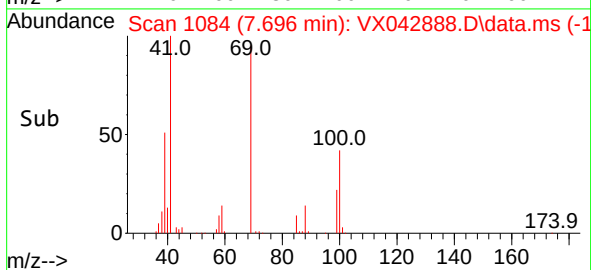
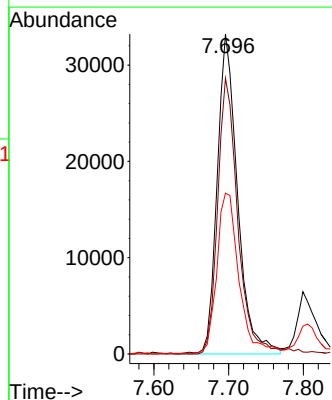
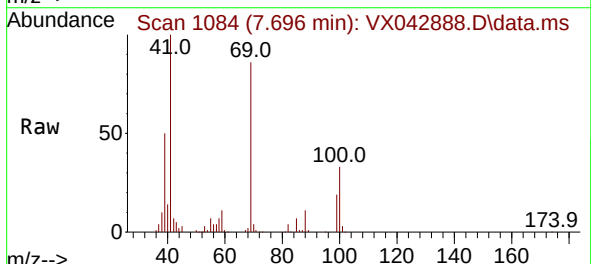
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

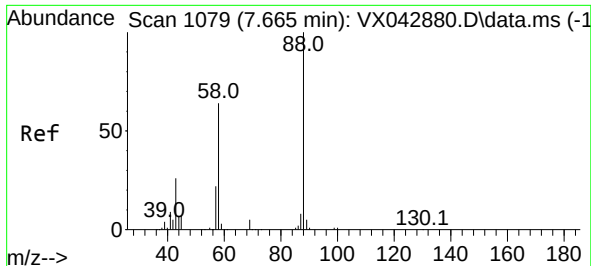
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 73924 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.6  | 49.8  | 74.6  |
| 127      | 8.7   | 7.1   | 10.7  |



#48  
Methyl methacrylate  
Concen: 19.295 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 63003 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 85.9  | 59.2  | 88.8  |
| 39       | 54.7  | 47.7  | 71.5  |





#49

1,4-Dioxane

Concen: 391.047 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

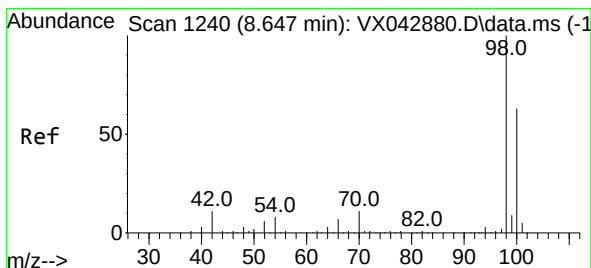
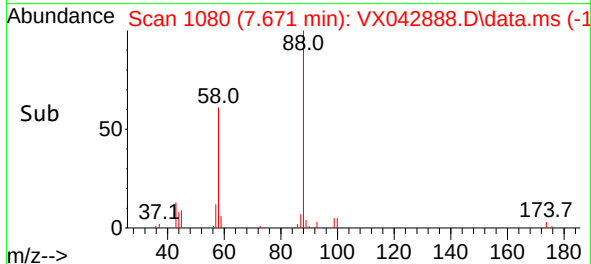
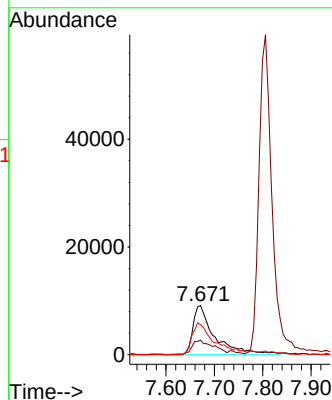
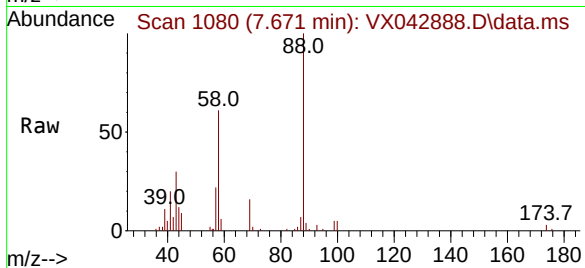
Tgt Ion: 88 Resp: 28345

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 65.9 60.1 90.1



#50

Toluene-d8

Concen: 50.886 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX042888.D

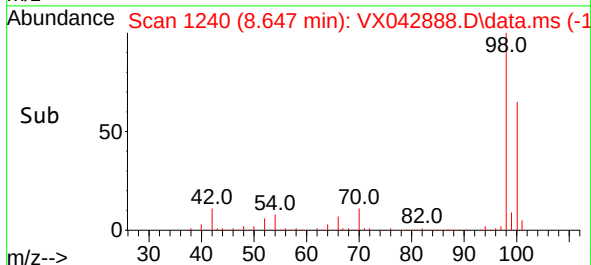
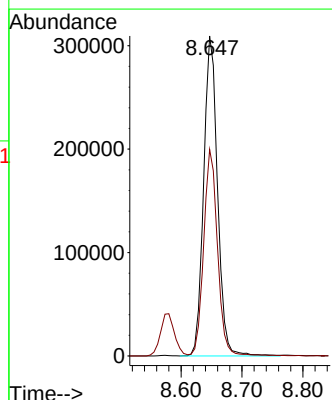
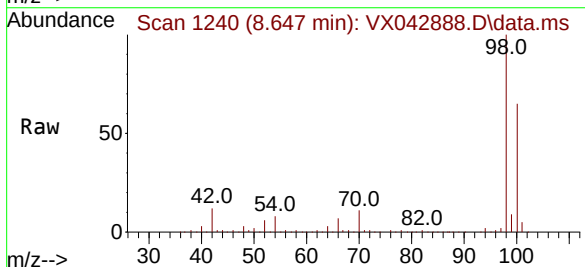
Acq: 07 Aug 2024 00:09

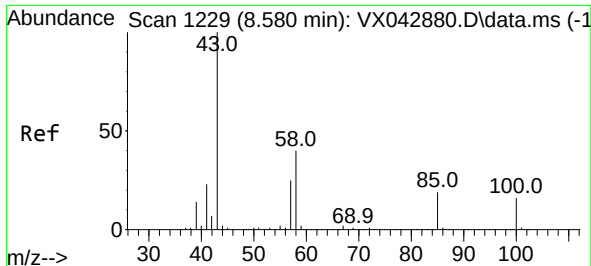
Tgt Ion: 98 Resp: 490344

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

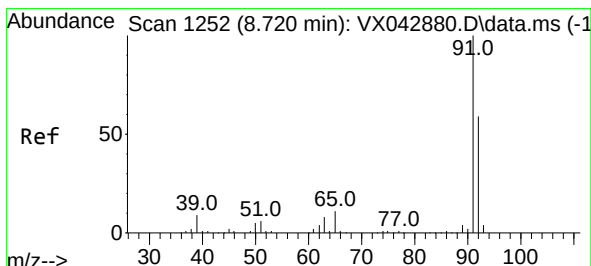
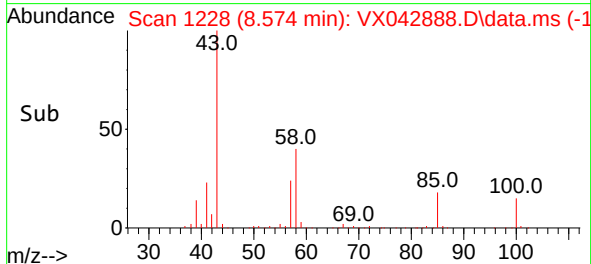
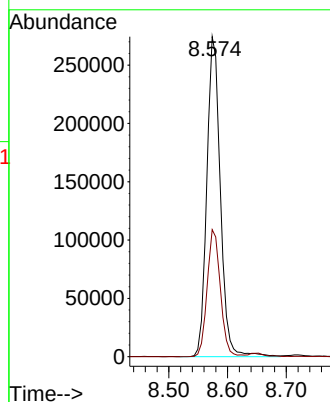
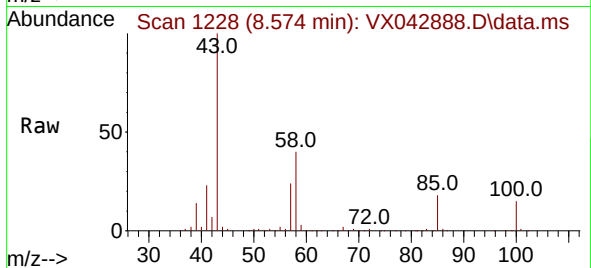




#51  
4-Methyl-2-Pentanone  
Concen: 96.574 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

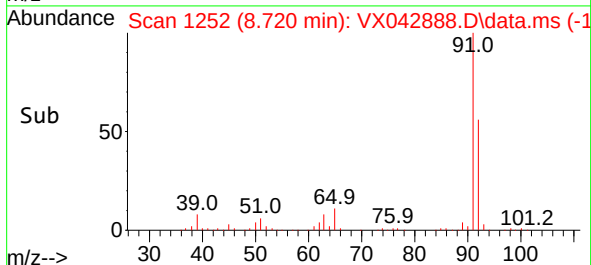
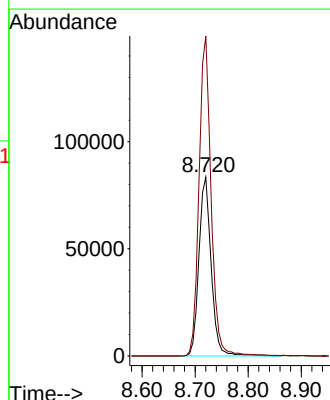
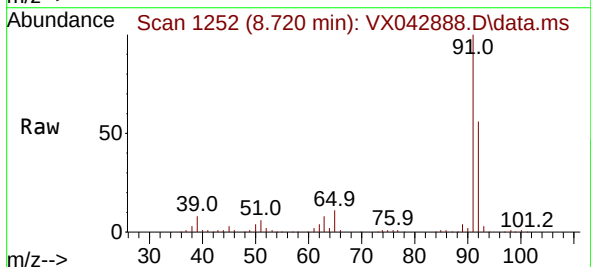
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

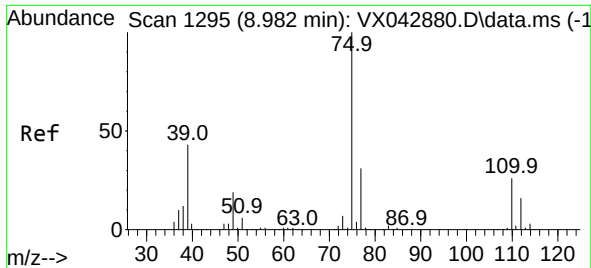
Tgt Ion: 43 Resp: 440512  
Ion Ratio Lower Upper  
43 100  
58 38.8 30.4 45.6



#52  
Toluene  
Concen: 19.306 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 92 Resp: 133757  
Ion Ratio Lower Upper  
92 100  
91 176.1 134.2 201.2

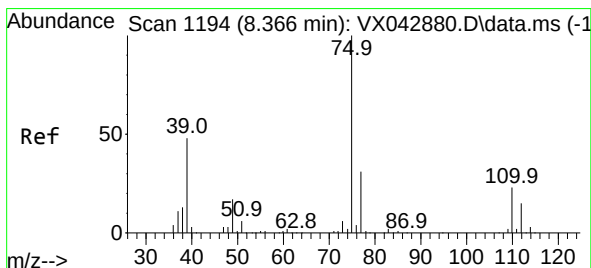
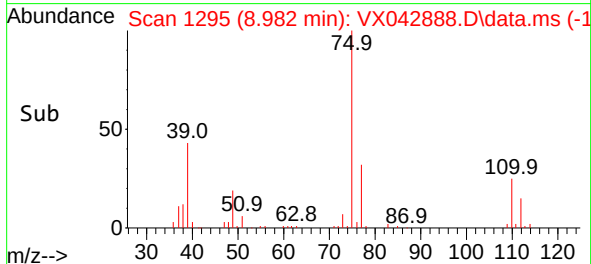
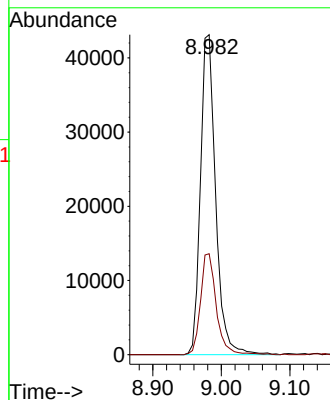
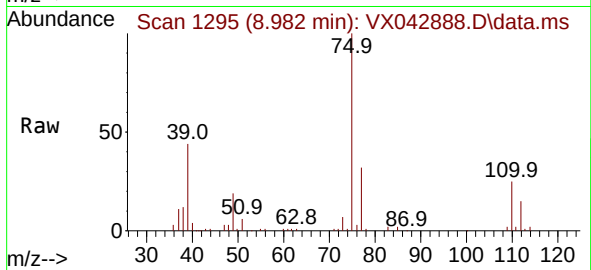




#53  
 t-1,3-Dichloropropene  
 Concen: 18.226 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. -0.000 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

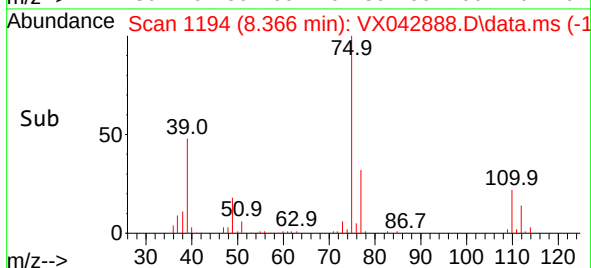
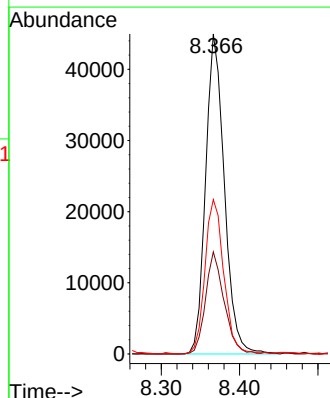
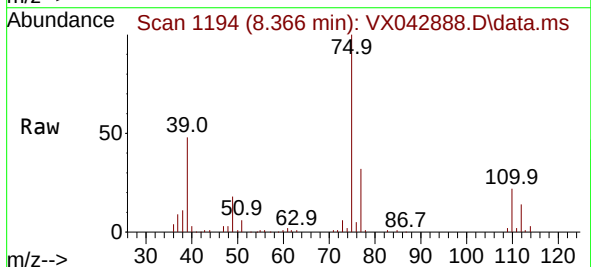
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBS01

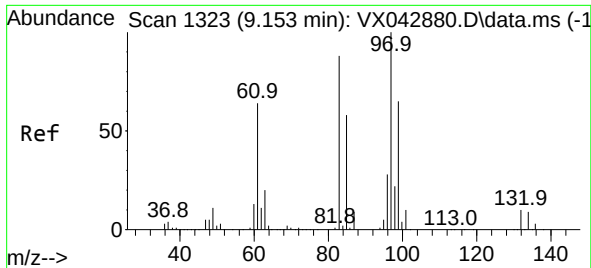
Tgt Ion: 75 Resp: 66602  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.513 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

Tgt Ion: 75 Resp: 74711  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.3 37.9  
 39 48.3 46.7 70.1

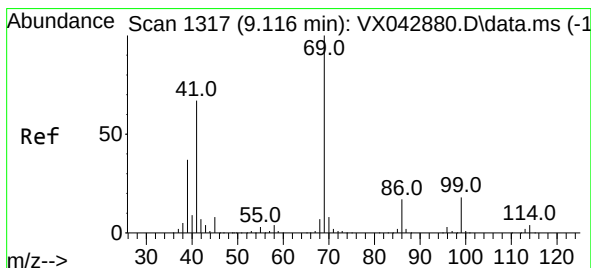
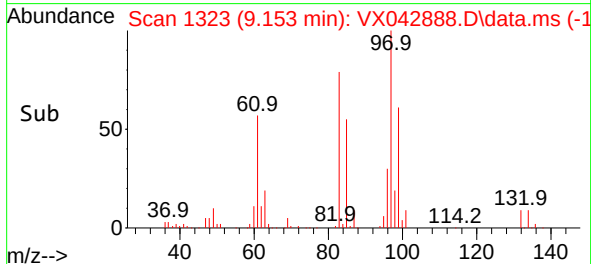
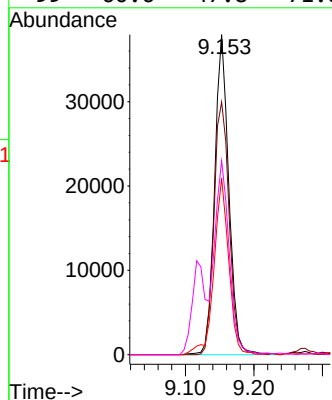
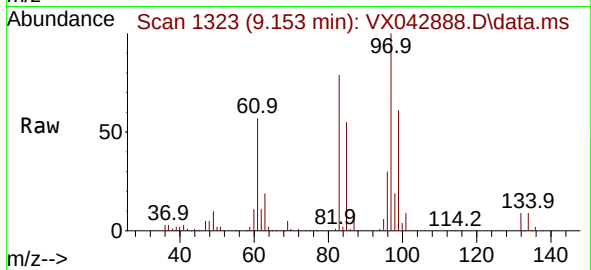




#55  
 1,1,2-Trichloroethane  
 Concen: 19.380 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. -0.000 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

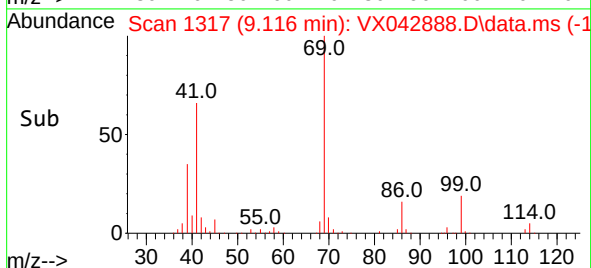
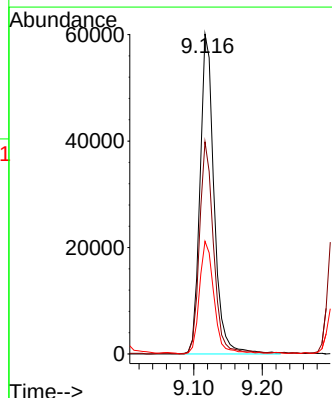
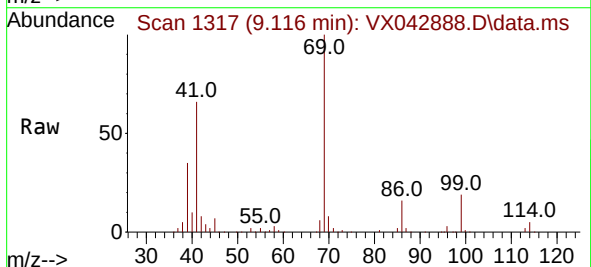
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 54583 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 78.9  | 65.8  | 98.8  |
| 85       | 55.1  | 41.6  | 62.4  |
| 99       | 60.6  | 47.8  | 71.8  |

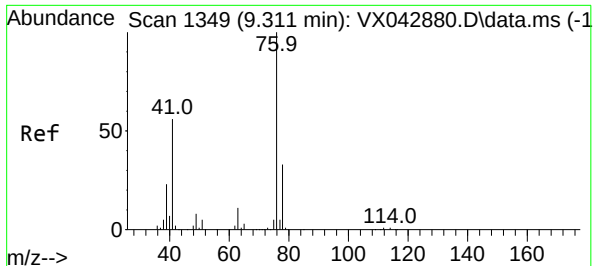


#56  
 Ethyl methacrylate  
 Concen: 19.009 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. -0.000 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 86153 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.7  | 56.8  | 85.2  |
| 39       | 36.8  | 32.0  | 48.0  |



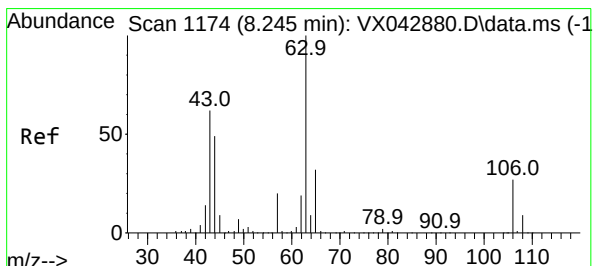
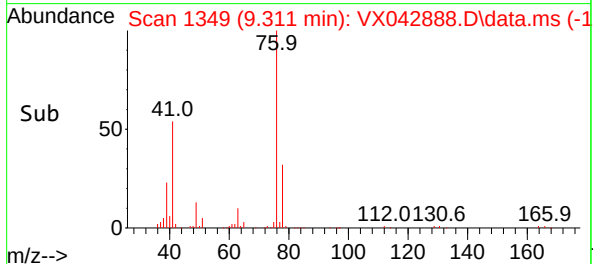
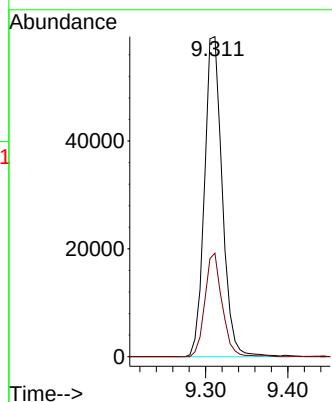
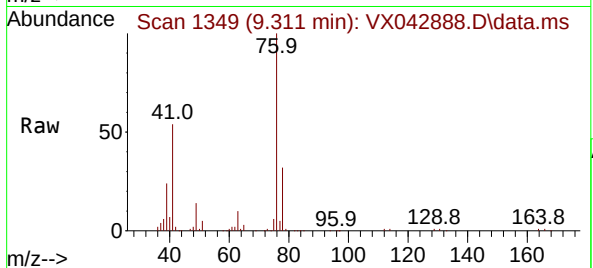




#57  
1,3-Dichloropropane  
Concen: 19.319 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

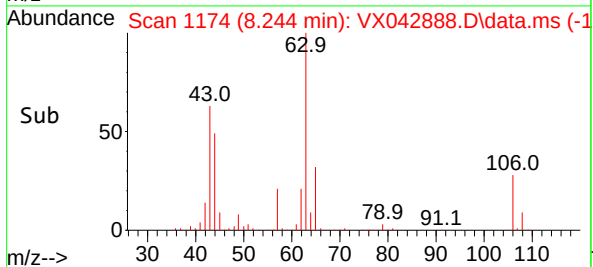
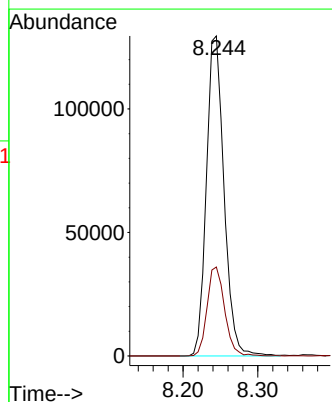
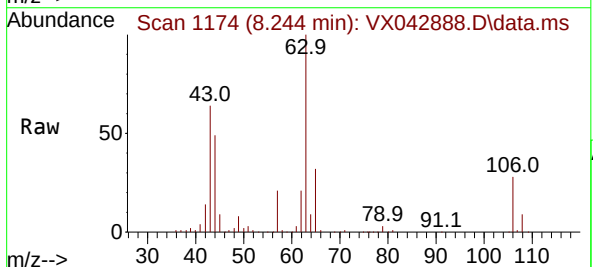
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

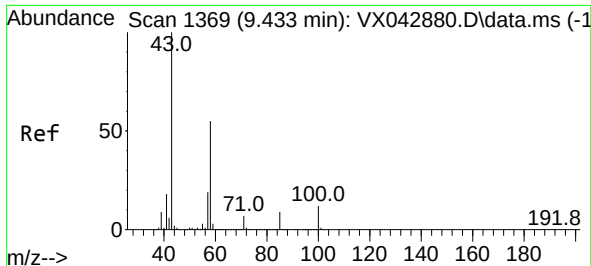
Tgt Ion: 76 Resp: 89136  
Ion Ratio Lower Upper  
76 100  
78 31.5 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 99.218 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 63 Resp: 211940  
Ion Ratio Lower Upper  
63 100  
106 27.7 22.5 33.7

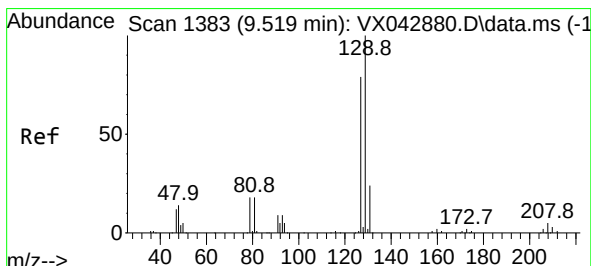
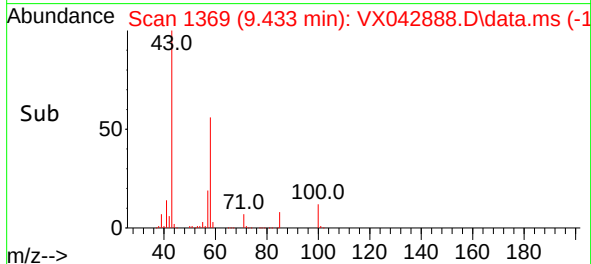
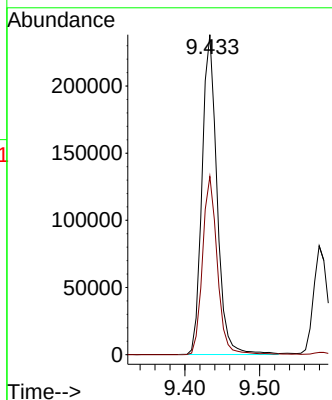
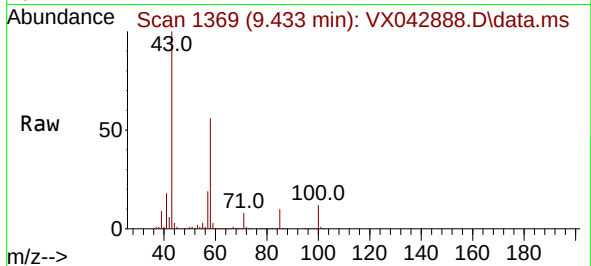




#59  
2-Hexanone  
Concen: 93.870 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

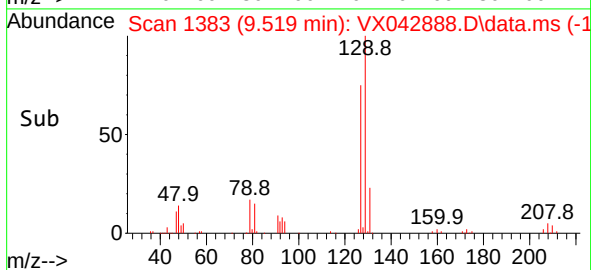
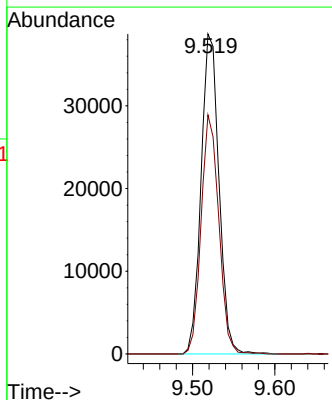
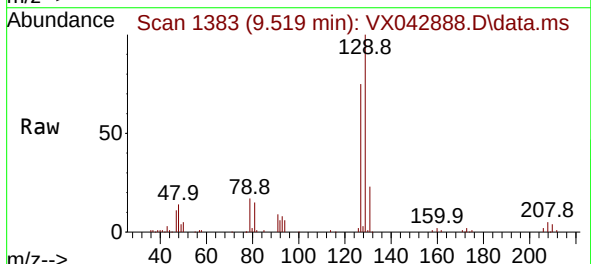
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

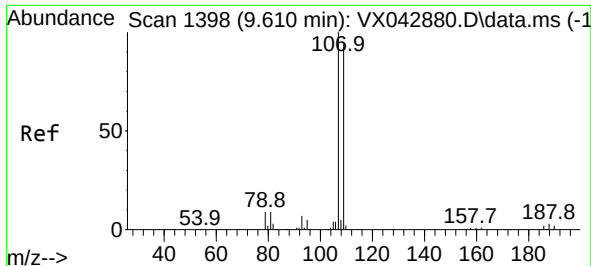
Tgt Ion: 43 Resp: 331781  
Ion Ratio Lower Upper  
43 100  
58 55.1 26.2 78.5



#60  
Dibromochloromethane  
Concen: 18.899 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 129 Resp: 58475  
Ion Ratio Lower Upper  
129 100  
127 73.7 38.8 116.4

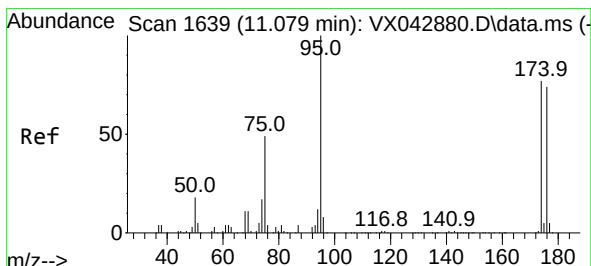
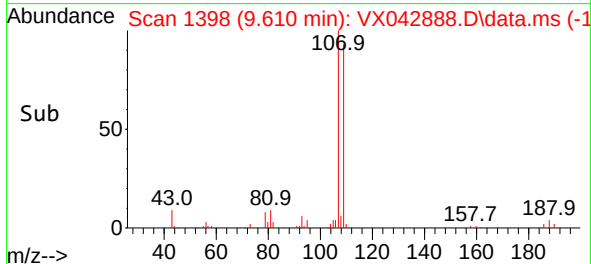
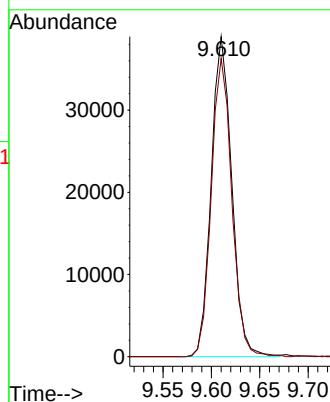
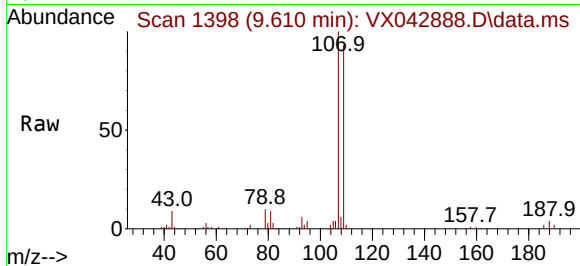




#61  
1,2-Dibromoethane  
Concen: 19.325 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

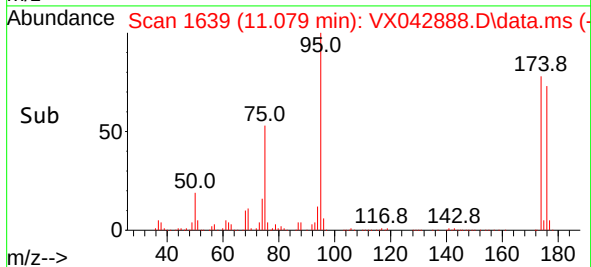
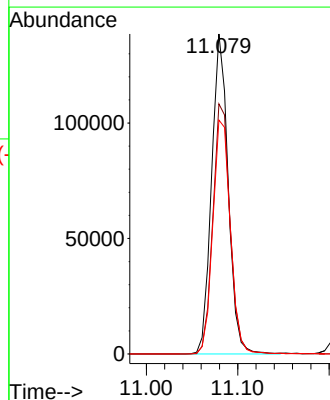
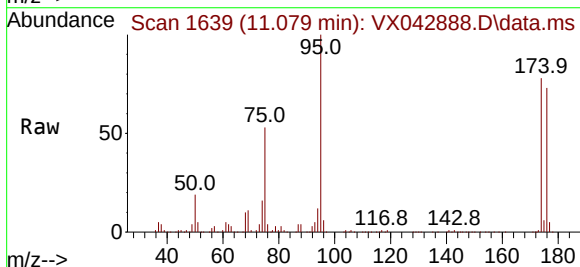
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

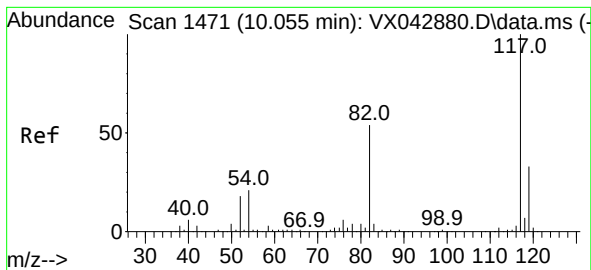
Tgt Ion:107 Resp: 57506  
Ion Ratio Lower Upper  
107 100  
109 93.3 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 50.264 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 95 Resp: 174051  
Ion Ratio Lower Upper  
95 100  
174 81.5 0.0 135.6  
176 77.9 0.0 131.0

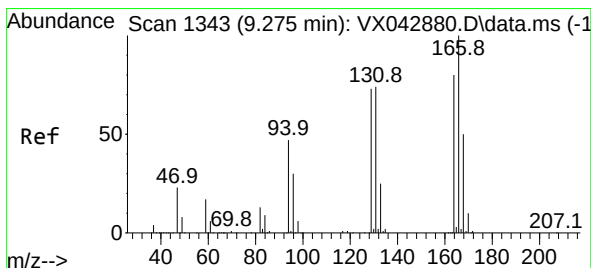
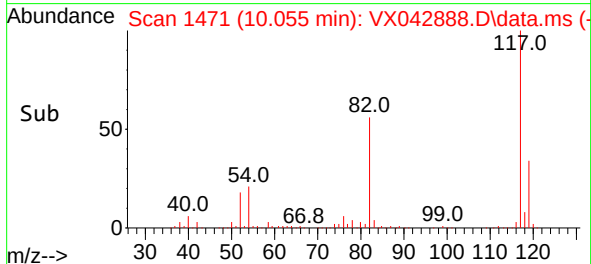
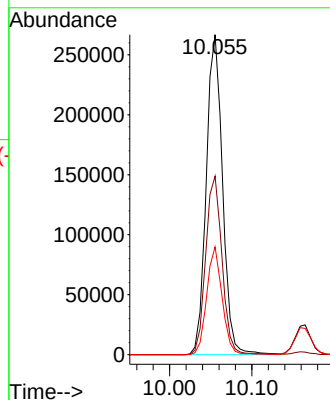
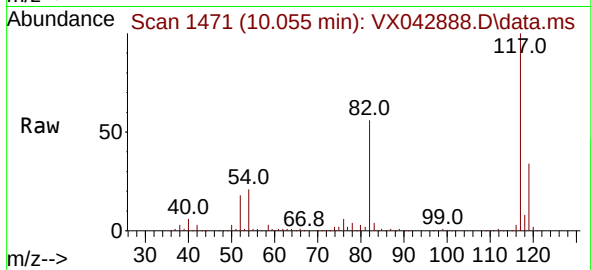




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

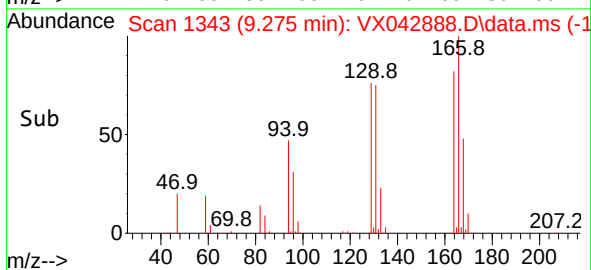
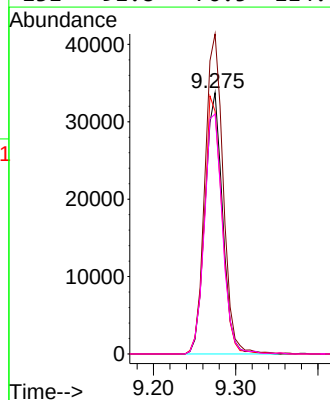
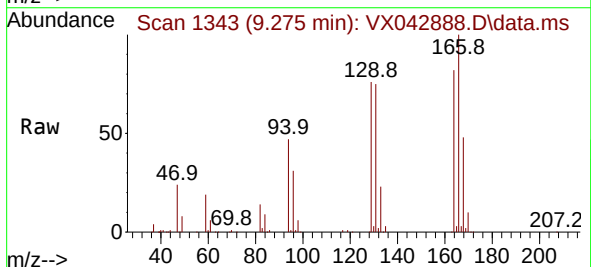
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

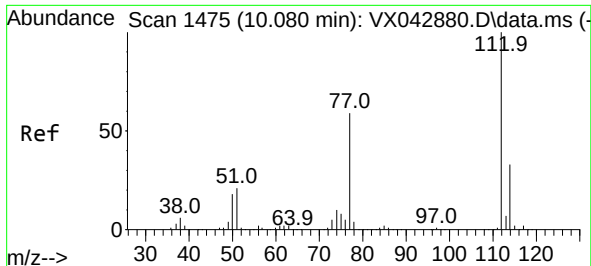
Tgt Ion:117 Resp: 367652  
Ion Ratio Lower Upper  
117 100  
82 55.8 46.2 69.4  
119 33.7 25.5 38.3



#64  
Tetrachloroethene  
Concen: 19.604 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion:164 Resp: 50115  
Ion Ratio Lower Upper  
164 100  
166 122.4 102.7 154.1  
129 92.9 80.4 120.6  
131 91.8 76.5 114.7

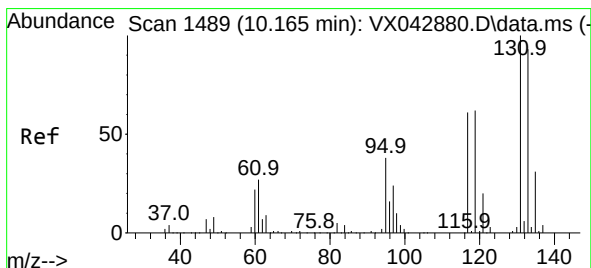
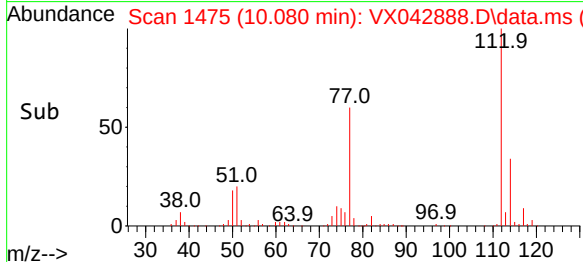
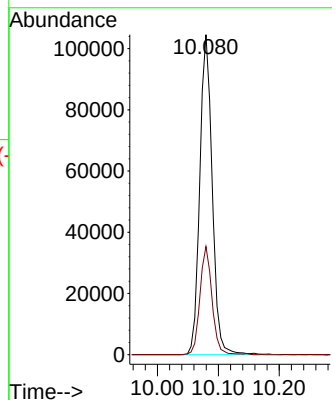
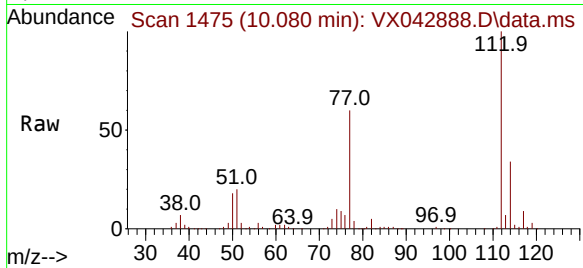




#65  
Chlorobenzene  
Concen: 19.009 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

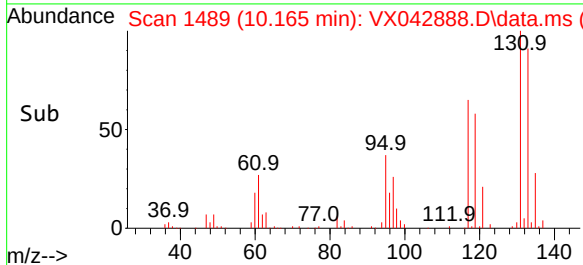
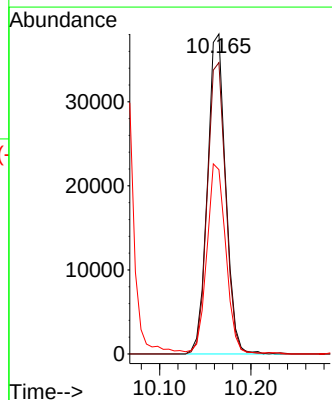
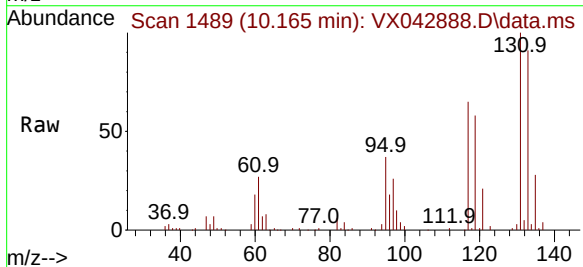
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

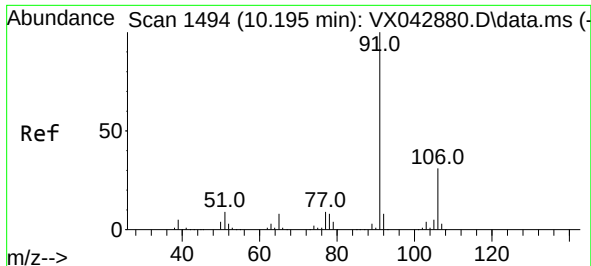
Tgt Ion:112 Resp: 148306  
Ion Ratio Lower Upper  
112 100  
114 33.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.543 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion:131 Resp: 52575  
Ion Ratio Lower Upper  
131 100  
133 92.3 47.1 141.4  
119 61.1 32.2 96.6





#67

Ethyl Benzene

Concen: 19.252 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

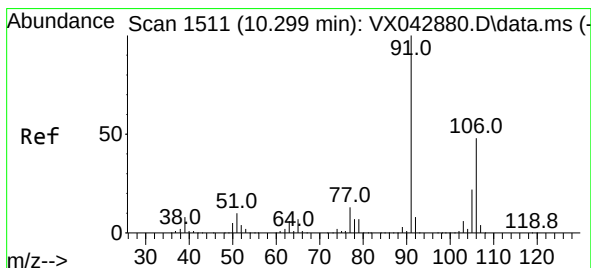
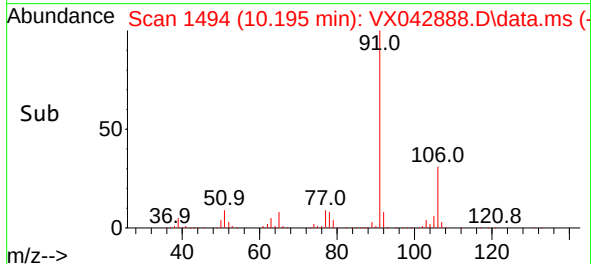
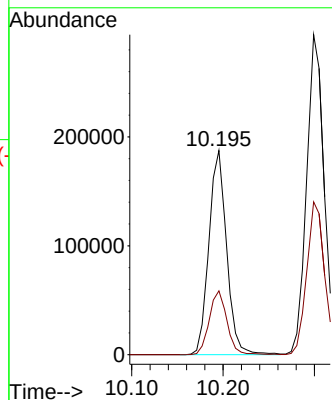
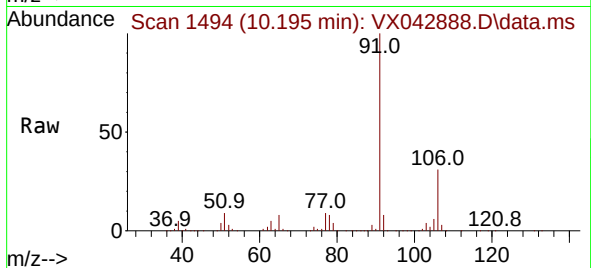
VX0807MBSD01

Tgt Ion: 91 Resp: 252646

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 38.361 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX042888.D

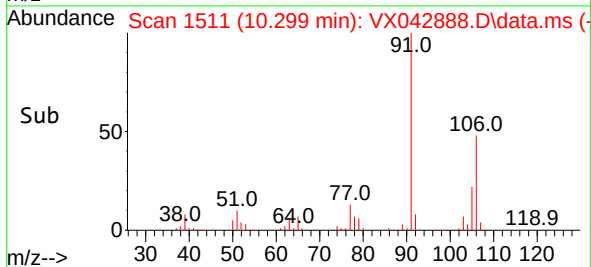
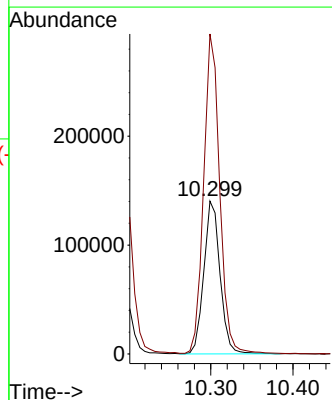
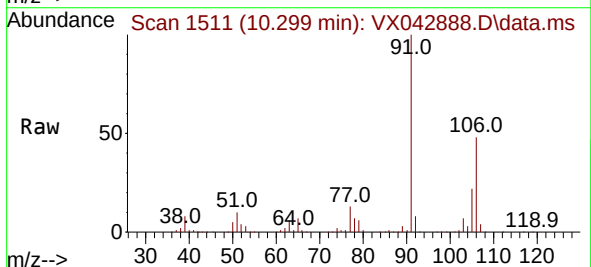
Acq: 07 Aug 2024 00:09

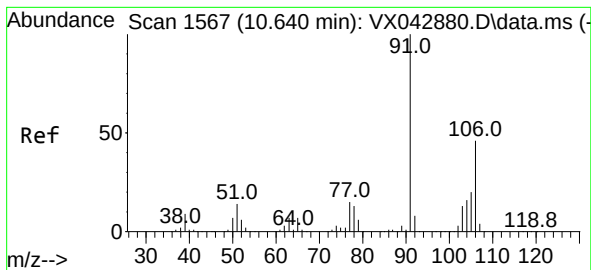
Tgt Ion: 106 Resp: 192184

Ion Ratio Lower Upper

106 100

91 207.2 165.5 248.3

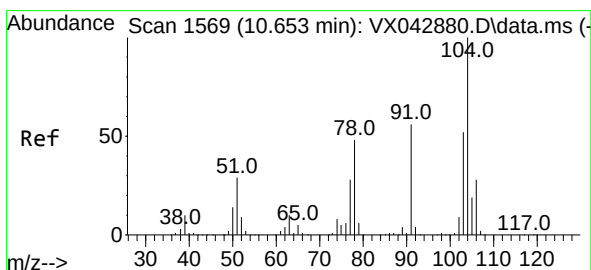
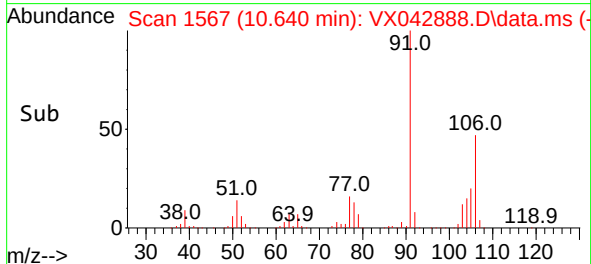
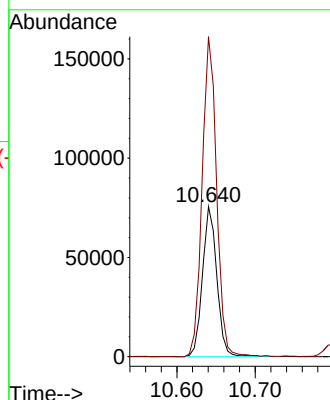
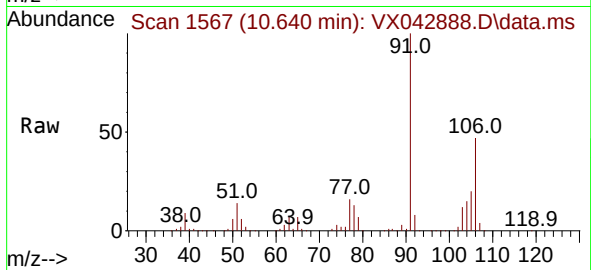




#69  
o-Xylene  
Concen: 19.163 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

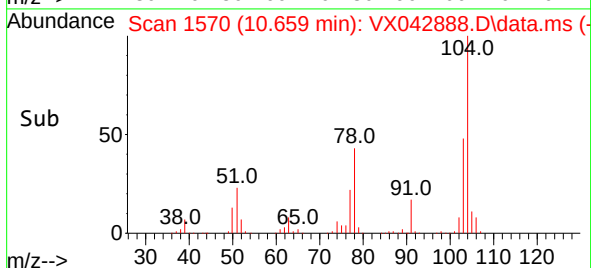
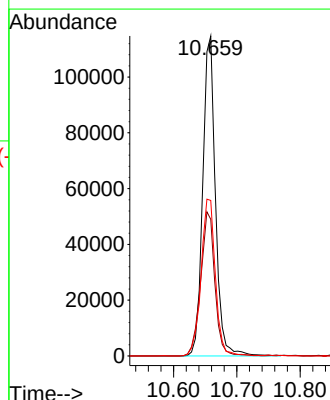
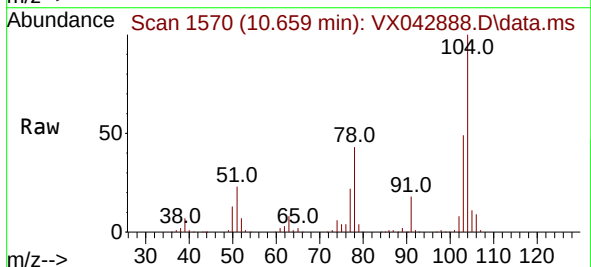
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

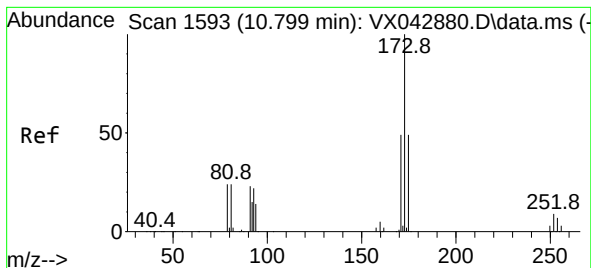
Tgt Ion:106 Resp: 96170  
Ion Ratio Lower Upper  
106 100  
91 215.1 108.9 326.8



#70  
Styrene  
Concen: 19.923 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion:104 Resp: 160780  
Ion Ratio Lower Upper  
104 100  
78 50.1 43.6 65.4  
103 55.0 43.6 65.4





#71

Bromoform

Concen: 18.691 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

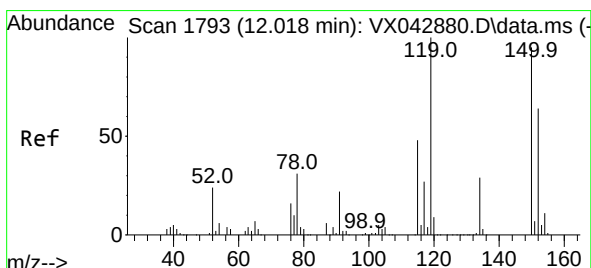
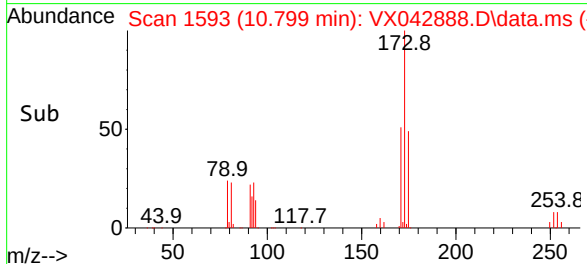
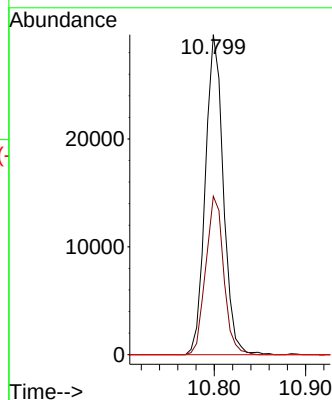
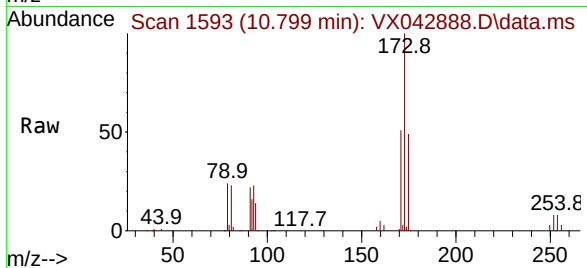
Tgt Ion:173 Resp: 40385

Ion Ratio Lower Upper

173 100

175 49.6 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

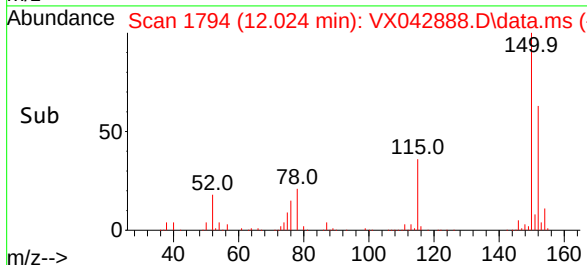
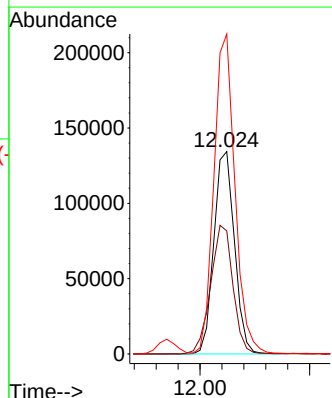
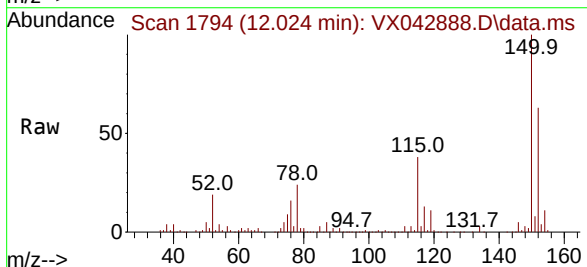
Tgt Ion:152 Resp: 175405

Ion Ratio Lower Upper

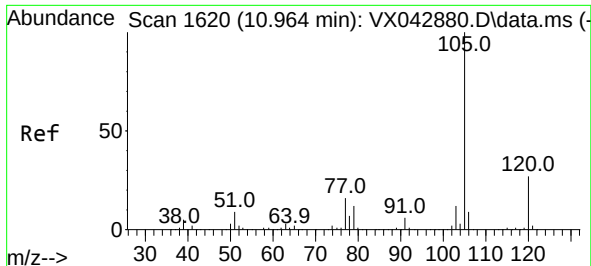
152 100

115 68.9 43.3 129.9

150 160.9 0.0 345.0



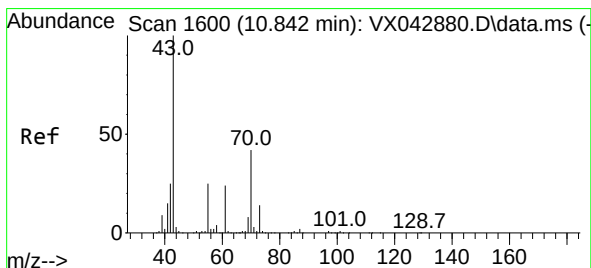
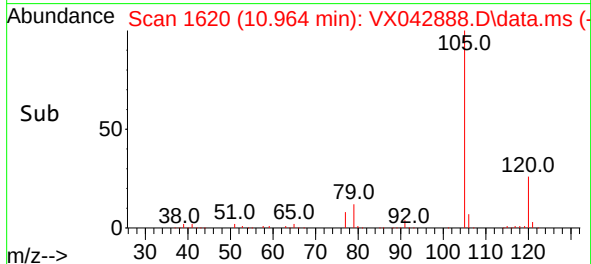
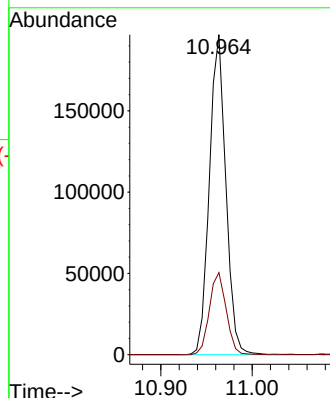
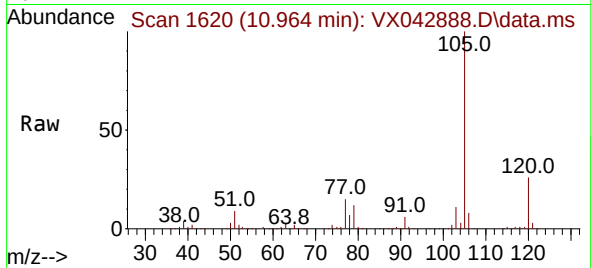




#73  
Isopropylbenzene  
Concen: 19.368 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

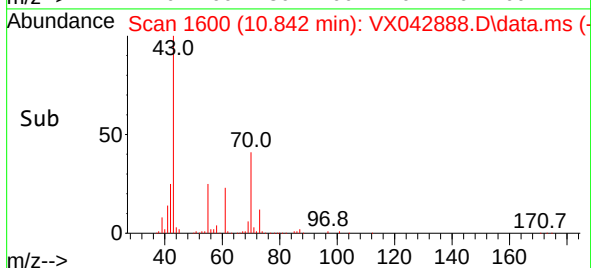
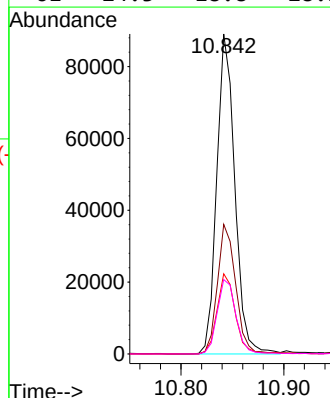
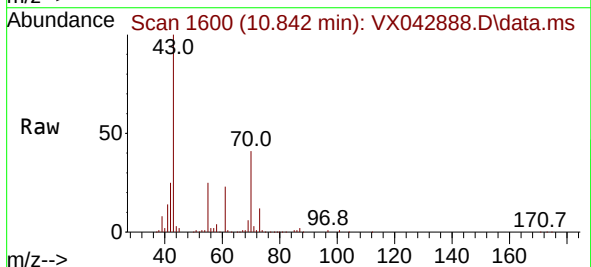
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

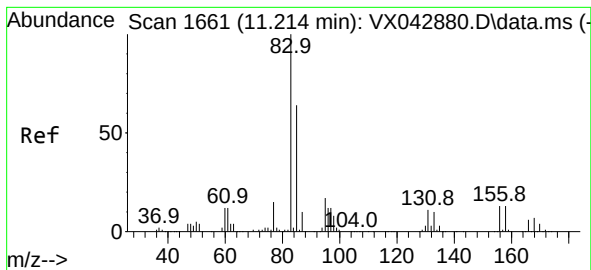
Tgt Ion:105 Resp: 245615  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.9 38.6



#74  
N-ethyl acetate  
Concen: 19.016 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 43 Resp: 108507  
Ion Ratio Lower Upper  
43 100  
70 41.3 32.9 49.3  
55 25.6 19.3 28.9  
61 24.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.544 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

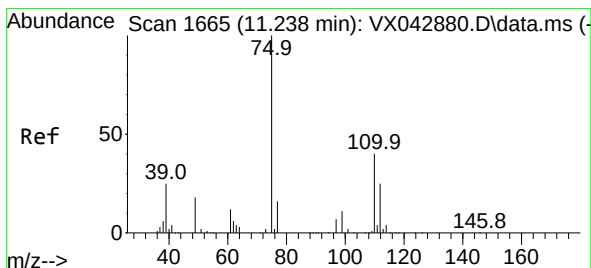
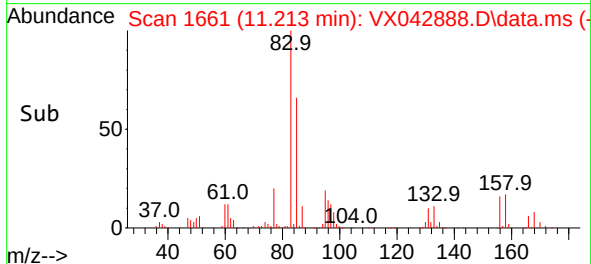
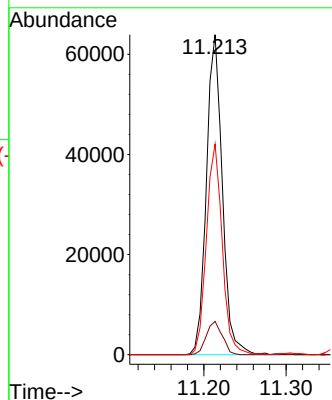
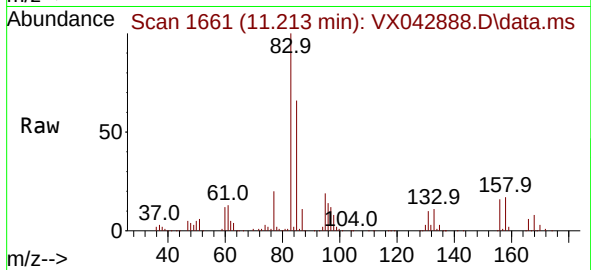
Tgt Ion: 83 Resp: 86152

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 65.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 21.724 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042888.D

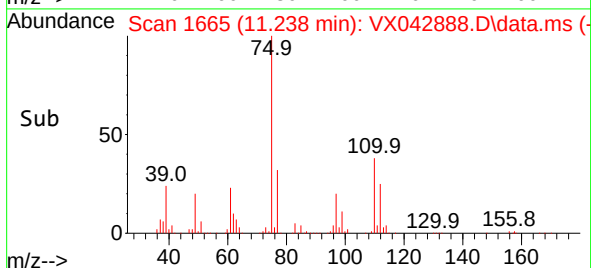
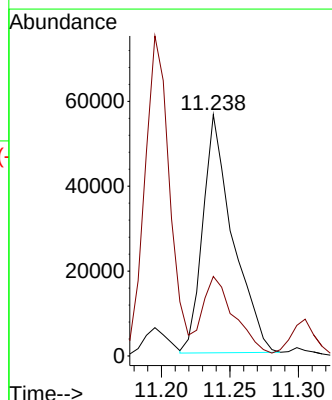
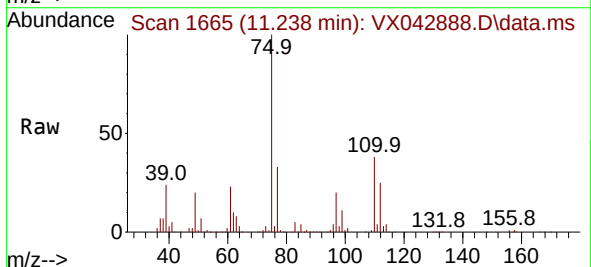
Acq: 07 Aug 2024 00:09

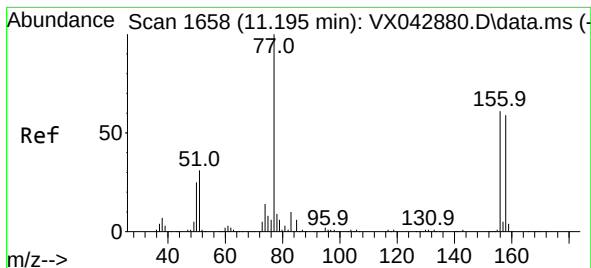
Tgt Ion: 75 Resp: 85699

Ion Ratio Lower Upper

75 100

77 36.2 19.1 57.5





#77

Bromobenzene

Concen: 18.834 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

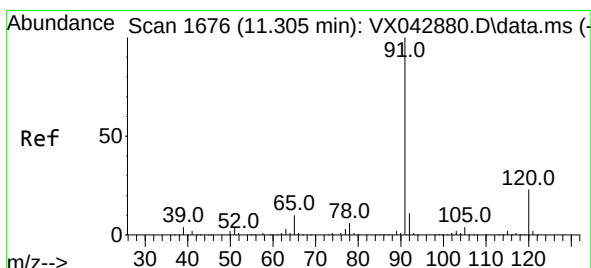
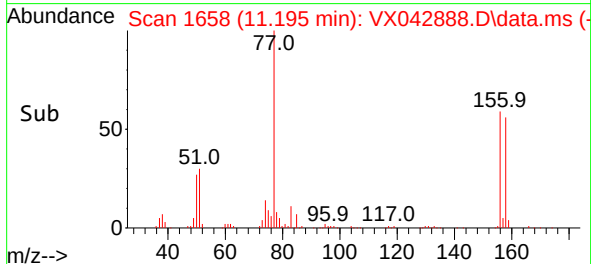
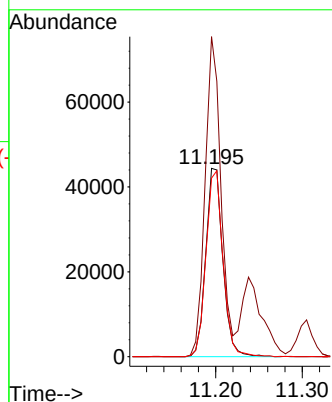
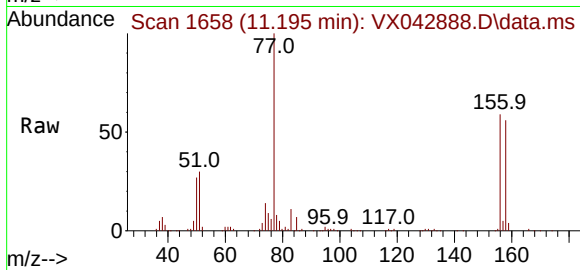
Tgt Ion:156 Resp: 60756

Ion Ratio Lower Upper

156 100

77 156.6 88.4 265.3

158 98.9 48.0 144.0



#78

n-propylbenzene

Concen: 19.299 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX042888.D

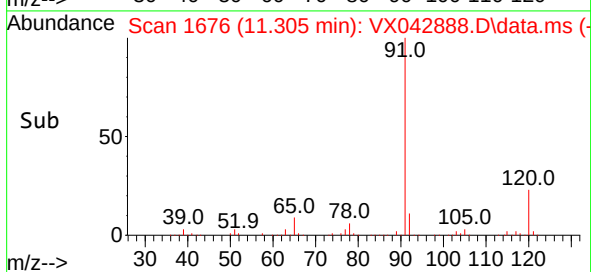
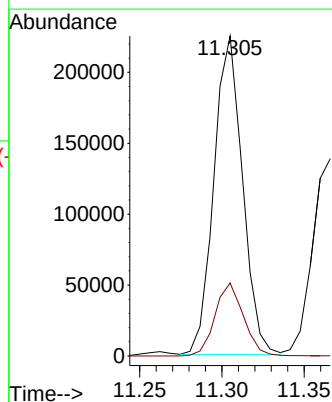
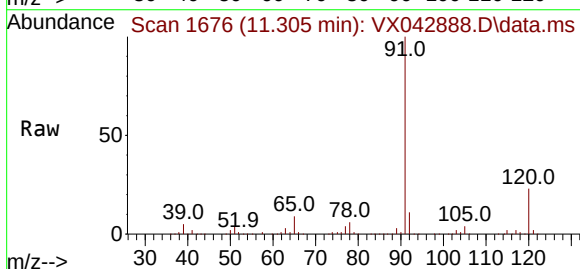
Acq: 07 Aug 2024 00:09

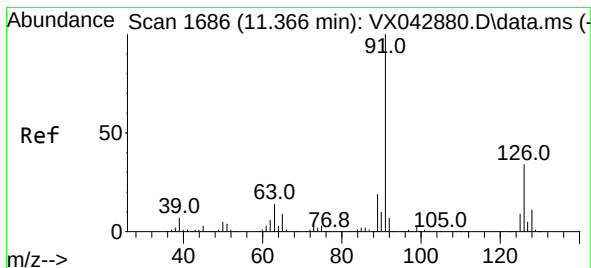
Tgt Ion: 91 Resp: 271864

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.341 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

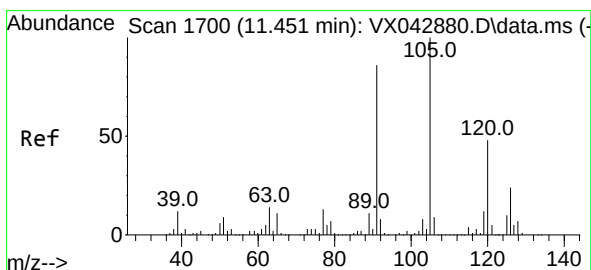
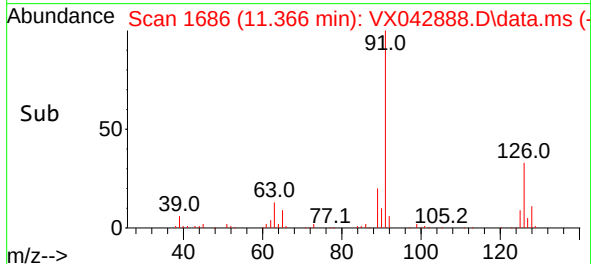
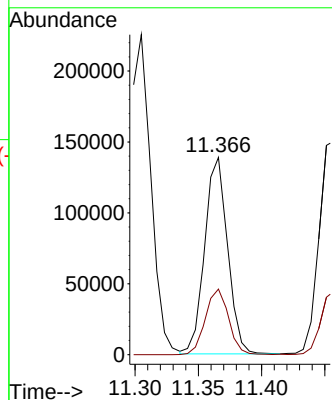
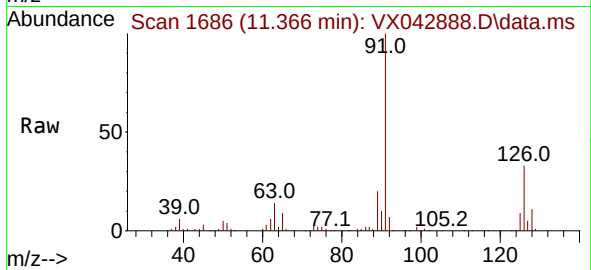
VX0807MBS01

Tgt Ion: 91 Resp: 174628

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.783 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042888.D

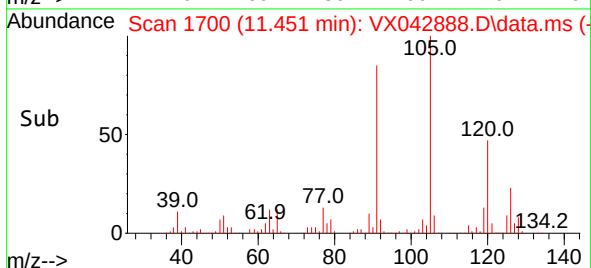
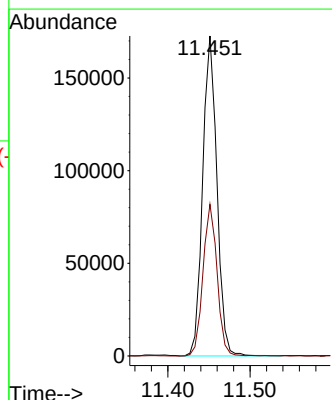
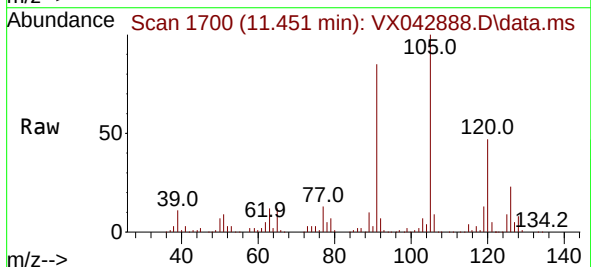
Acq: 07 Aug 2024 00:09

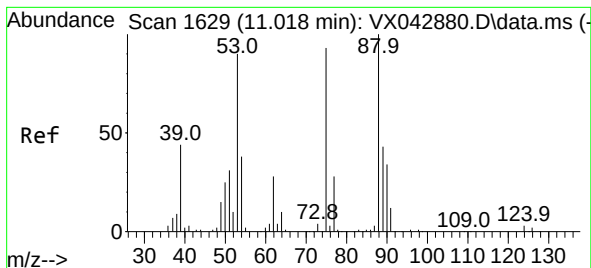
Tgt Ion: 105 Resp: 207737

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3

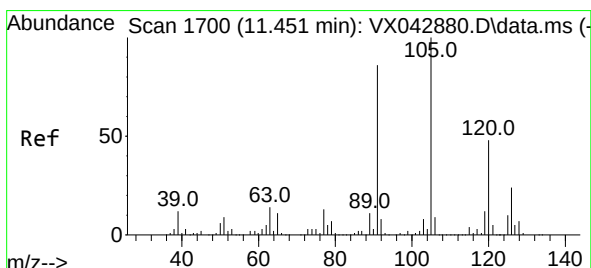
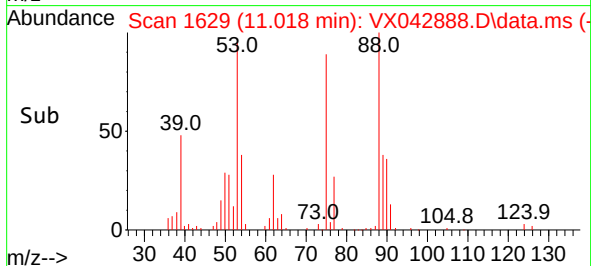
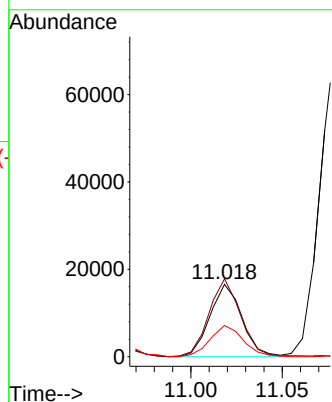
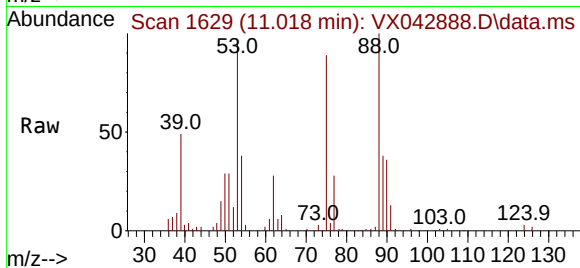




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.704 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

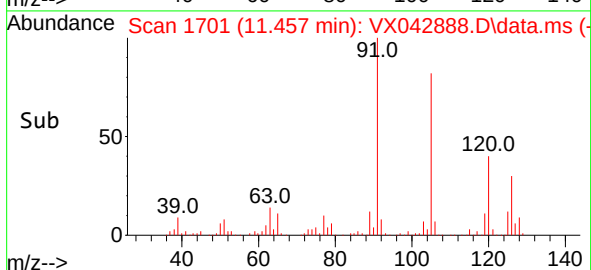
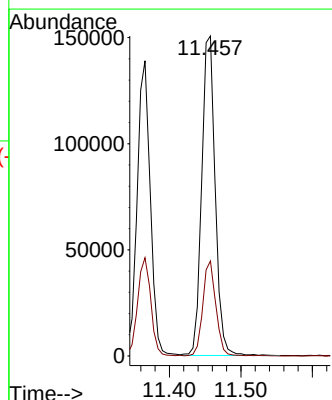
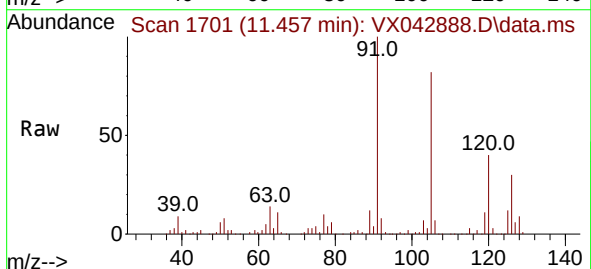
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

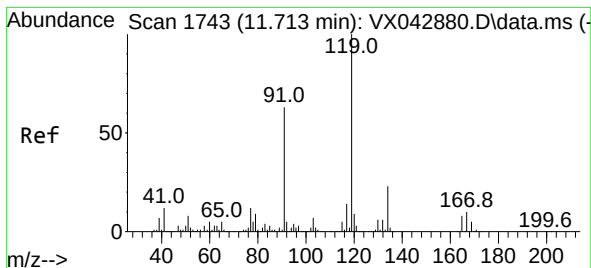
Tgt Ion: 75 Resp: 20266  
Ion Ratio Lower Upper  
75 100  
53 105.9 90.5 135.7  
89 44.3 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.454 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 91 Resp: 197429  
Ion Ratio Lower Upper  
91 100  
126 28.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.037 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

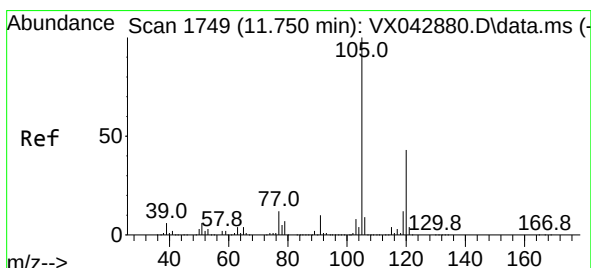
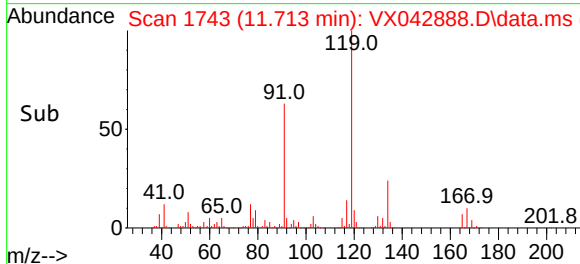
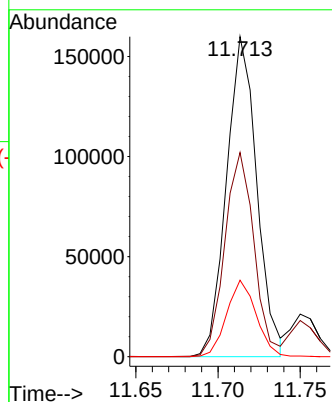
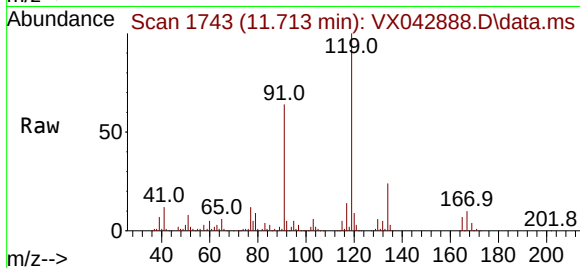
Tgt Ion:119 Resp: 205429

Ion Ratio Lower Upper

119 100

91 61.5 31.2 93.6

134 23.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 19.573 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042888.D

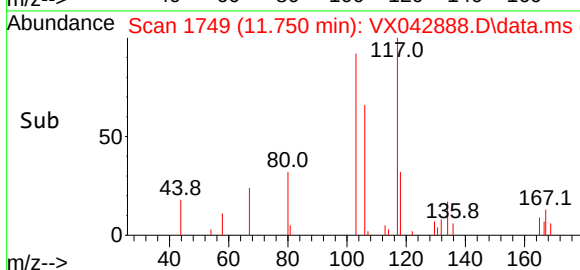
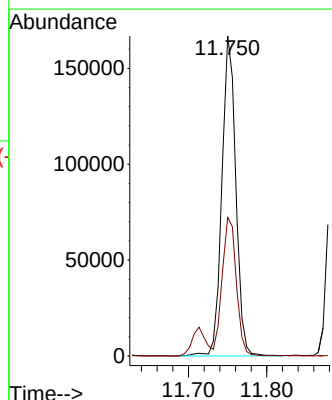
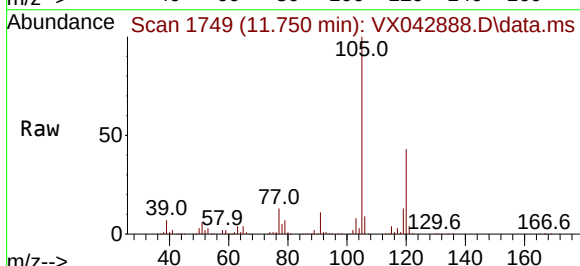
Acq: 07 Aug 2024 00:09

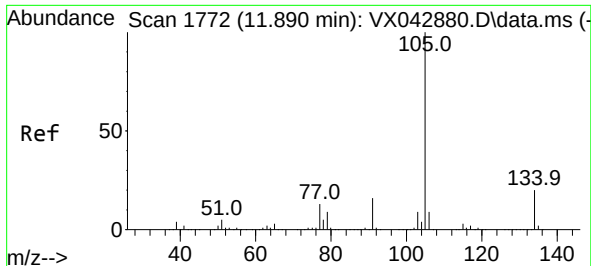
Tgt Ion:105 Resp: 206909

Ion Ratio Lower Upper

105 100

120 43.8 21.2 63.6

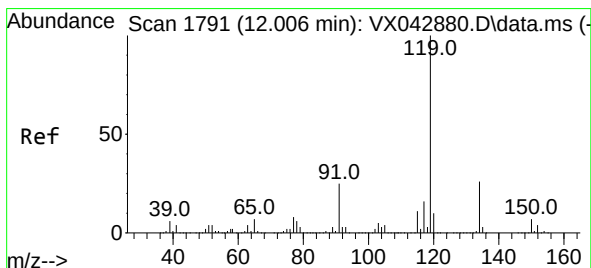
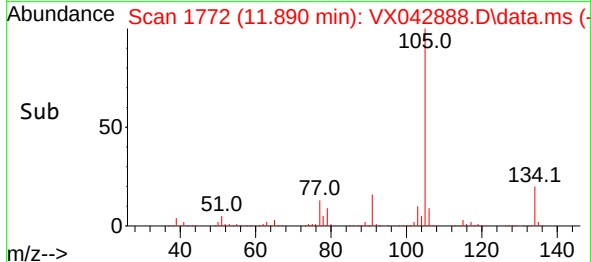
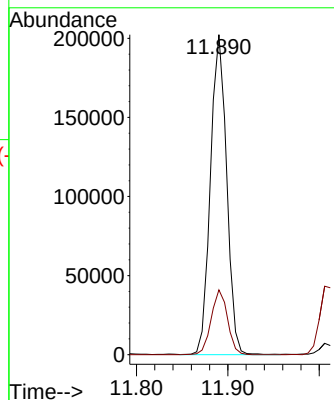
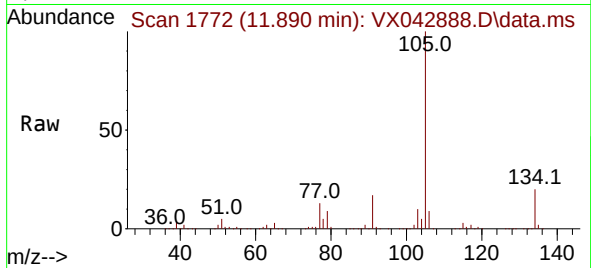




#85  
 sec-Butylbenzene  
 Concen: 19.540 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

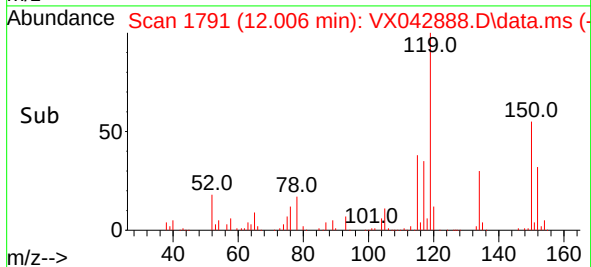
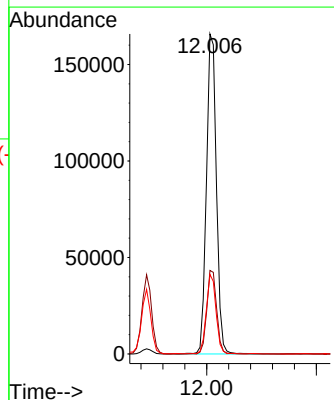
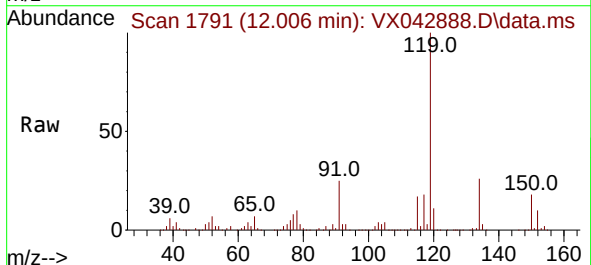
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807MBSD01

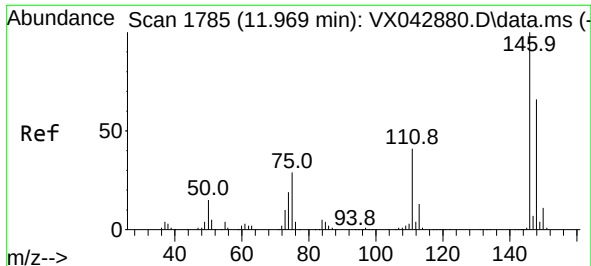
Tgt Ion:105 Resp: 248291  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 19.704 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX042888.D  
 Acq: 07 Aug 2024 00:09

Tgt Ion:119 Resp: 208013  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.8 38.3  
 91 24.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.675 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

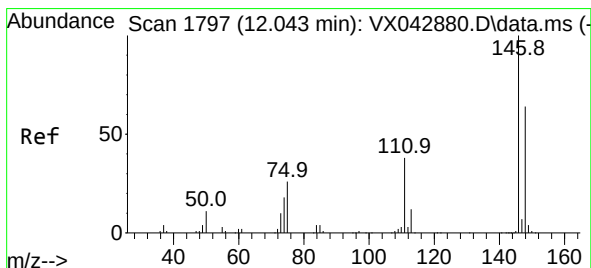
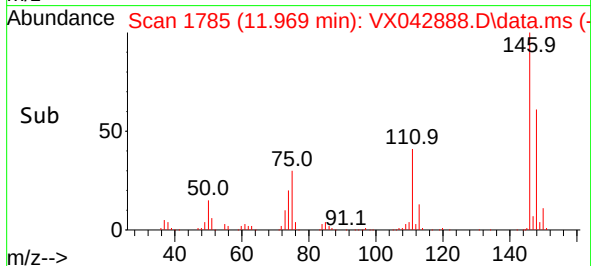
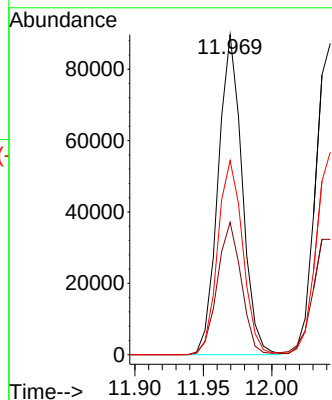
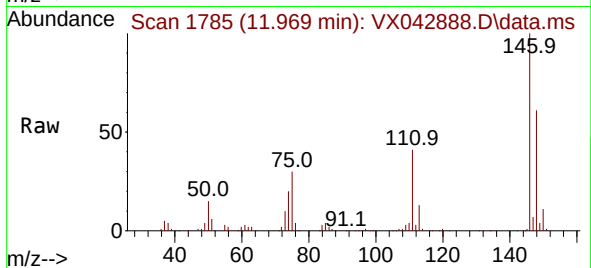
Tgt Ion:146 Resp: 109029

Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.1

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.434 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

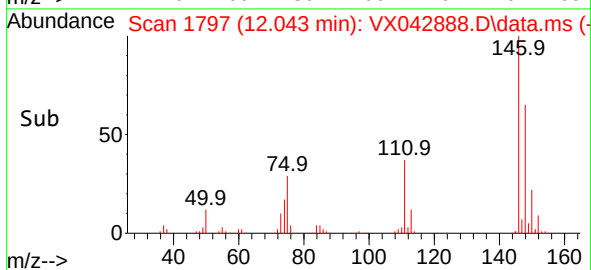
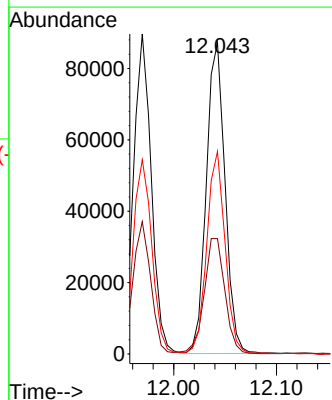
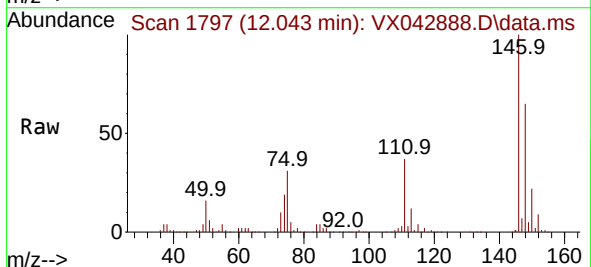
Tgt Ion:146 Resp: 110311

Ion Ratio Lower Upper

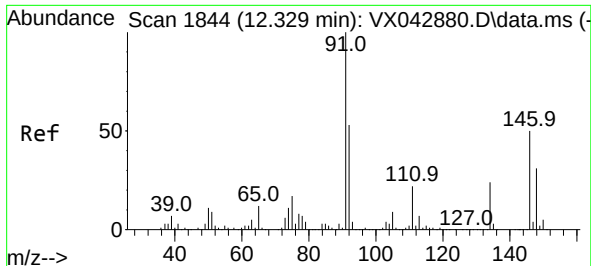
146 100

111 41.2 21.3 63.7

148 64.2 31.8 95.4







#89

n-Butylbenzene

Concen: 18.199 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

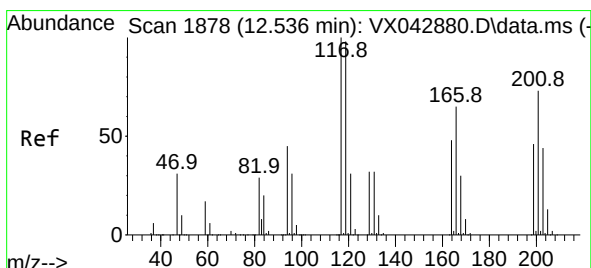
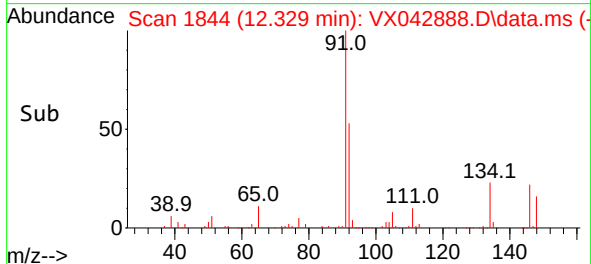
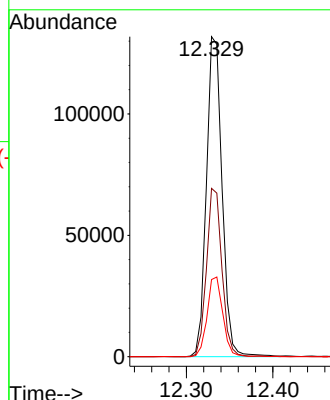
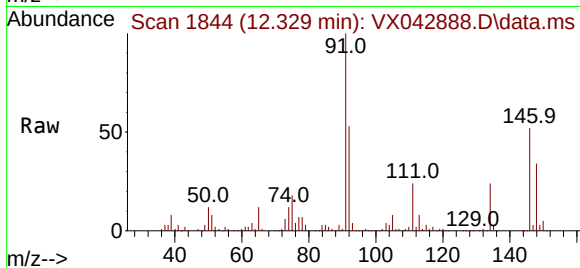
Tgt Ion: 91 Resp: 165751

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 18.490 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX042888.D

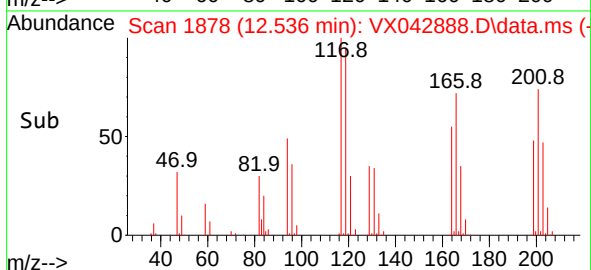
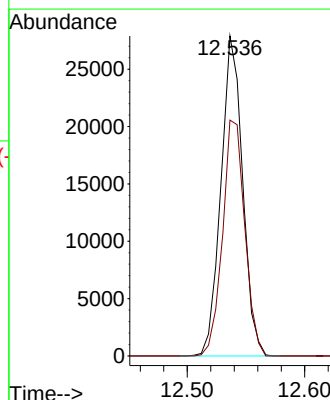
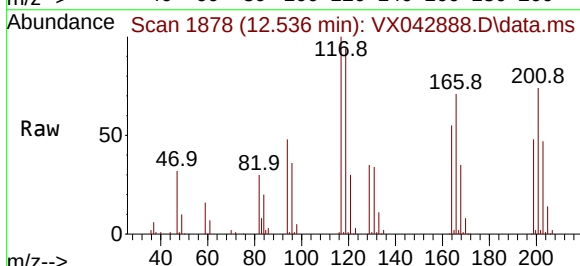
Acq: 07 Aug 2024 00:09

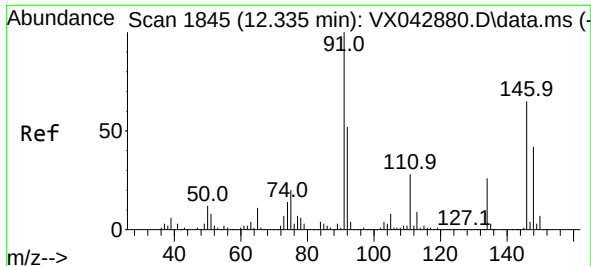
Tgt Ion: 117 Resp: 35707

Ion Ratio Lower Upper

117 100

201 75.6 32.9 98.6

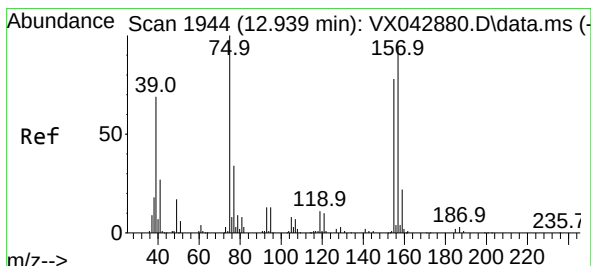
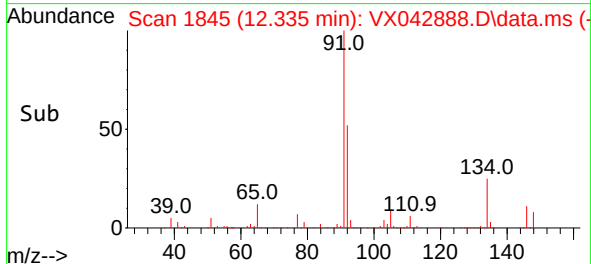
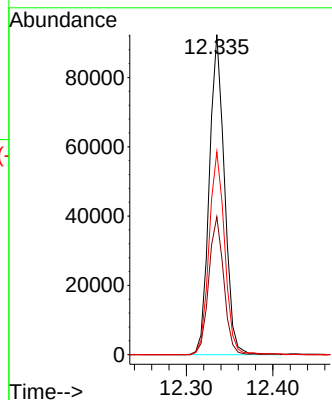
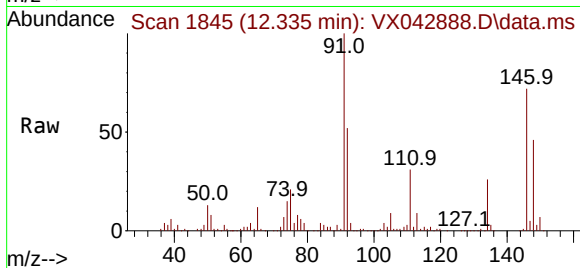




#91  
1,2-Dichlorobenzene  
Concen: 19.171 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

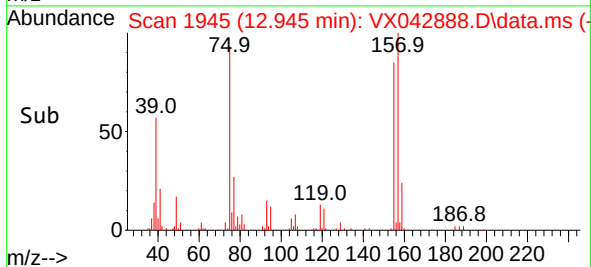
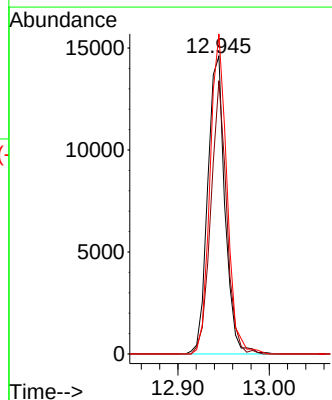
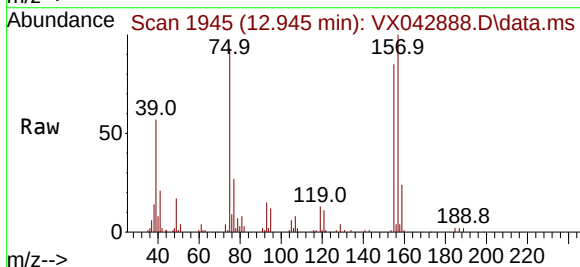
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

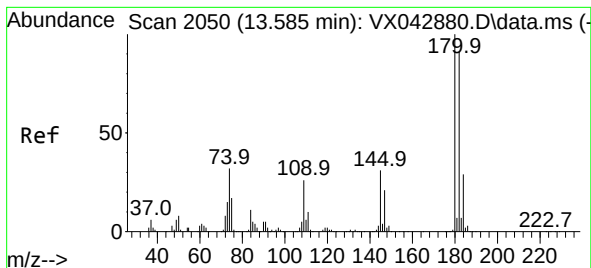
Tgt Ion:146 Resp: 112077  
Ion Ratio Lower Upper  
146 100  
111 42.7 22.4 67.0  
148 65.4 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.765 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Tgt Ion: 75 Resp: 19155  
Ion Ratio Lower Upper  
75 100  
155 84.3 36.1 108.5  
157 105.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 17.744 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

Instrument :

MSVOA\_X

ClientSampleId :

VX0807MBSD01

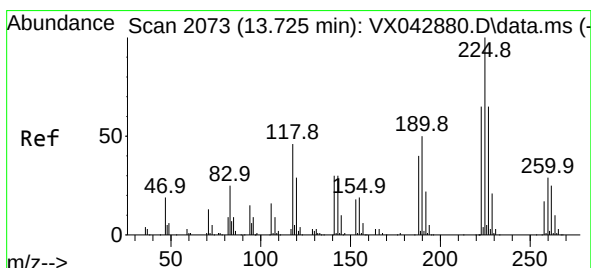
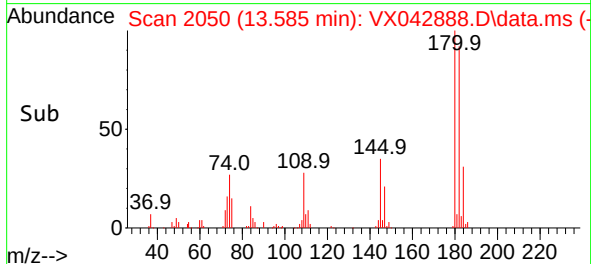
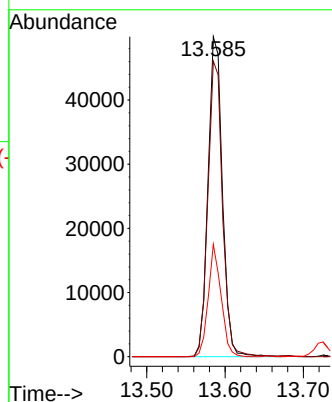
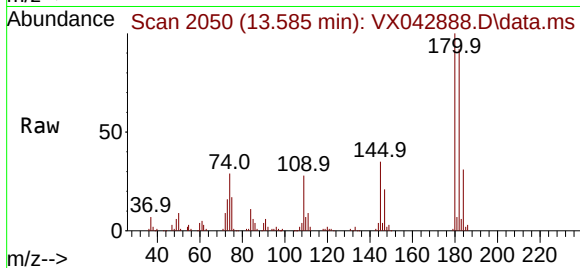
Tgt Ion:180 Resp: 63276

Ion Ratio Lower Upper

180 100

182 93.7 48.3 144.8

145 31.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 18.483 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX042888.D

Acq: 07 Aug 2024 00:09

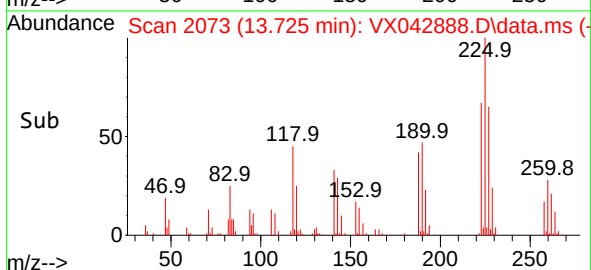
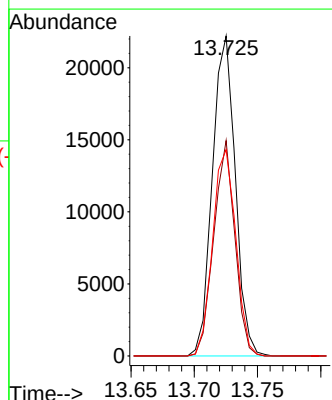
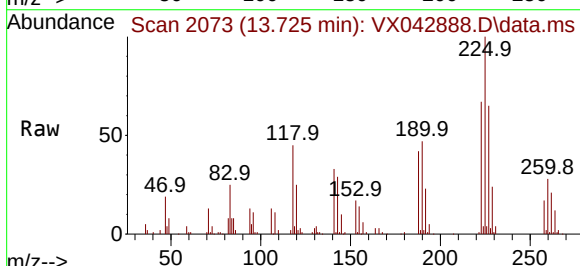
Tgt Ion:225 Resp: 27954

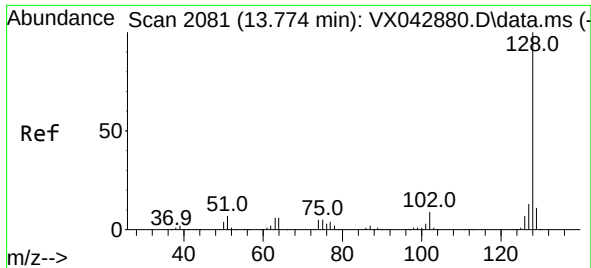
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.2

227 65.3 32.5 97.5

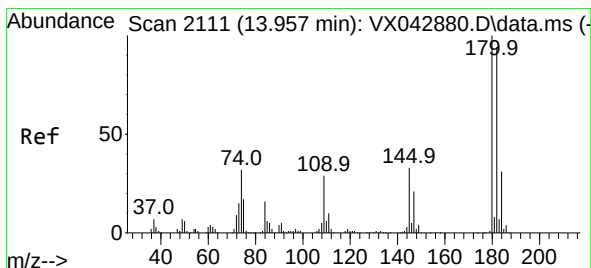
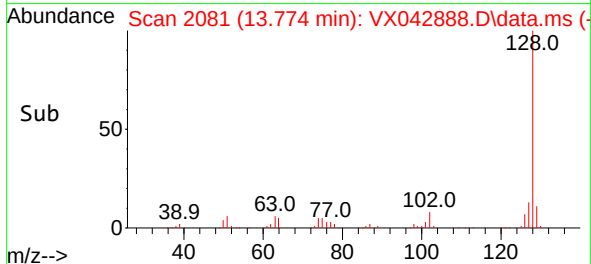
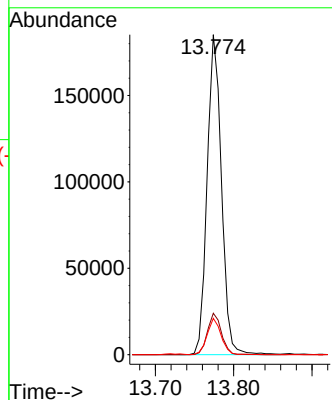
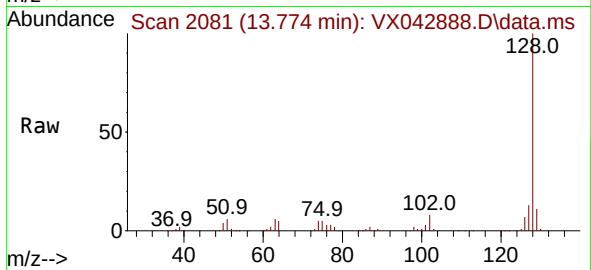




#95  
Naphthalene  
Concen: 19.020 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807MBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 234707 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.7  | 10.3  | 15.5   |
| 129      | 11.1  | 8.8   | 13.2   |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.750 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX042888.D  
Acq: 07 Aug 2024 00:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 67306 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.2  | 46.9  | 140.6 |
| 145      | 35.1  | 17.8  | 53.5  |

