

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052424\  
 Data File : VX041644.D  
 Acq On : 24 May 2024 10:59  
 Operator : JC/MD  
 Sample : VX0524WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 25 04:20:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 06:03:16 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 171911   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 244940   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 224002   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 125512   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 100599   | 53.753   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 107.500% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 82144    | 49.488   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 98.980%  |      |
| 50) Toluene-d8              | 8.647  | 98    | 277097   | 52.743   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 105.480% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 107363   | 52.791   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 105.580% |      |

|                              |       |     |        |         |      |      |
|------------------------------|-------|-----|--------|---------|------|------|
| Target Compounds             |       |     |        | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 27300  | 19.326  | ug/l | 99   |
| 3) Chloromethane             | 1.300 | 50  | 26075  | 17.839  | ug/l | 98   |
| 4) Vinyl Chloride            | 1.374 | 62  | 28690  | 20.589  | ug/l | 98   |
| 5) Bromomethane              | 1.599 | 94  | 18056  | 20.670  | ug/l | 95   |
| 6) Chloroethane              | 1.666 | 64  | 17168  | 26.536  | ug/l | 96   |
| 7) Trichlorofluoromethane    | 1.867 | 101 | 50995  | 21.223  | ug/l | 100  |
| 8) Diethyl Ether             | 2.136 | 74  | 19632  | 23.181  | ug/l | 90   |
| 9) 1,1,2-Trichlorotrifluo... | 2.319 | 101 | 29776  | 22.049  | ug/l | 89   |
| 10) Methyl Iodide            | 2.447 | 142 | 35424  | 24.372  | ug/l | 90   |
| 11) Tert butyl alcohol       | 2.995 | 59  | 41871  | 111.780 | ug/l | # 93 |
| 12) 1,1-Dichloroethene       | 2.306 | 96  | 26187  | 19.657  | ug/l | 90   |
| 13) Acrolein                 | 2.239 | 56  | 23386  | 78.697  | ug/l | 98   |
| 14) Allyl chloride           | 2.654 | 41  | 46667  | 20.851  | ug/l | 99   |
| 15) Acrylonitrile            | 3.068 | 53  | 94475  | 110.508 | ug/l | 99   |
| 16) Acetone                  | 2.392 | 43  | 97928  | 116.740 | ug/l | 100  |
| 17) Carbon Disulfide         | 2.501 | 76  | 42553  | 13.588  | ug/l | 97   |
| 18) Methyl Acetate           | 2.703 | 43  | 48194  | 25.170  | ug/l | 97   |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 101370 | 20.874  | ug/l | 99   |
| 20) Methylene Chloride       | 2.782 | 84  | 32479  | 19.991  | ug/l | 93   |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 26981  | 18.123  | ug/l | 92   |
| 22) Diisopropyl ether        | 3.763 | 45  | 101571 | 21.413  | ug/l | 92   |
| 23) Vinyl Acetate            | 3.721 | 43  | 446830 | 105.308 | ug/l | 97   |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 55706  | 20.788  | ug/l | 97   |
| 25) 2-Butanone               | 4.562 | 43  | 139730 | 115.358 | ug/l | 98   |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 43899  | 19.593  | ug/l | 95   |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 35414  | 20.091  | ug/l | 90   |
| 28) Bromochloromethane       | 4.897 | 49  | 20561  | 21.499  | ug/l | # 82 |
| 29) Tetrahydrofuran          | 5.007 | 42  | 86336  | 108.987 | ug/l | 97   |
| 30) Chloroform               | 5.086 | 83  | 59522  | 21.350  | ug/l | 96   |
| 31) Cyclohexane              | 5.464 | 56  | 39802  | 17.621  | ug/l | 91   |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 51559  | 20.327  | ug/l | 99   |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 35459  | 17.865  | ug/l | 96   |
| 37) Ethyl Acetate            | 4.721 | 43  | 50766  | 20.499  | ug/l | 99   |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 42179  | 18.550  | ug/l | 100  |
| 39) Methylcyclohexane        | 7.373 | 83  | 42746  | 18.332  | ug/l | 95   |
| 40) Benzene                  | 6.031 | 78  | 117786 | 19.250  | ug/l | 99   |

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 Acq On : 24 May 2024 10:59  
 Operator : JC/MD  
 Sample : VX0524WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 25 04:20:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 06:03:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 27411    | 21.505  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 46959    | 20.941  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 78774    | 21.155  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 32288    | 19.984  | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 30787    | 22.520  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 22912    | 21.053  | ug/l # | 80       |
| 47) Bromodichloromethane      | 7.818  | 83   | 43276    | 22.315  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 38991    | 22.843  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 17306    | 468.939 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 276302   | 123.661 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 76258    | 20.374  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 40709    | 19.617  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 44904    | 21.061  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 33655    | 23.348  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 51892    | 23.261  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 54168    | 22.517  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 128597   | 118.886 | ug/l   | 94       |
| 59) 2-Hexanone                | 9.433  | 43   | 216509   | 121.180 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.518  | 129  | 36419    | 21.462  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 34424    | 21.708  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.269  | 164  | 30684    | 18.916  | ug/l   | 88       |
| 65) Chlorobenzene             | 10.079 | 112  | 92440    | 20.328  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 33560    | 20.887  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 147845   | 19.706  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 117053   | 38.961  | ug/l   | 93       |
| 69) o-Xylene                  | 10.640 | 106  | 58728    | 20.415  | ug/l   | 94       |
| 70) Styrene                   | 10.652 | 104  | 99339    | 21.045  | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 29199    | 20.306  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 153135   | 19.988  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 69346    | 20.717  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 56447    | 22.484  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 60063    | 29.364  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 44291    | 20.483  | ug/l   | 80       |
| 78) n-propylbenzene           | 11.305 | 91   | 167515   | 20.818  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 107475   | 20.726  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 126860   | 20.312  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 14535    | 19.356  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 122181   | 20.755  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 140105   | 20.948  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 129945   | 20.678  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 162747   | 21.234  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 141637   | 20.576  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 80174    | 20.398  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 81313    | 20.080  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.329 | 91   | 110608   | 19.983  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 23355    | 20.288  | ug/l   | 63       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 82964    | 19.984  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 12007    | 20.697  | ug/l   | 65       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 54607    | 18.818  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 27579    | 19.032  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 172129   | 20.016  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 58526    | 19.734  | ug/l   | 96       |

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Data File : VX041644.D  
Acq On : 24 May 2024 10:59  
Operator : JC/MD  
Sample : VX0524WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

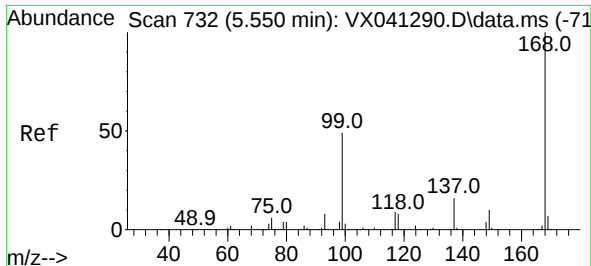
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: May 25 04:20:09 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 08 06:03:16 2024  
Response via : Initial Calibration

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

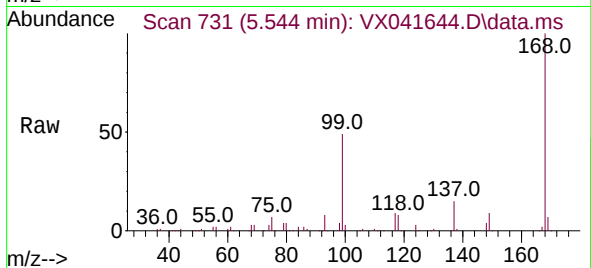
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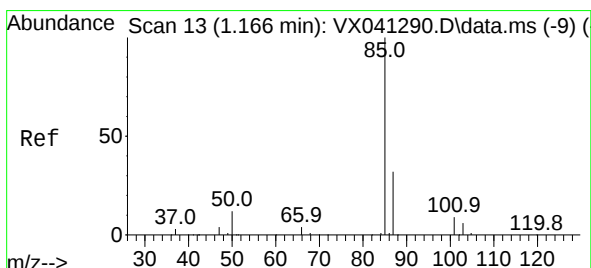
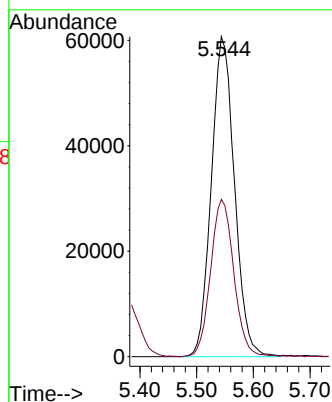
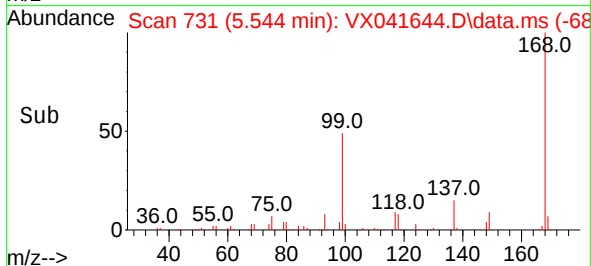


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Instrument :  
MSVOA\_X  
ClientSampleId :

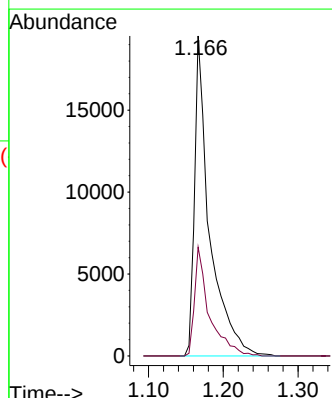
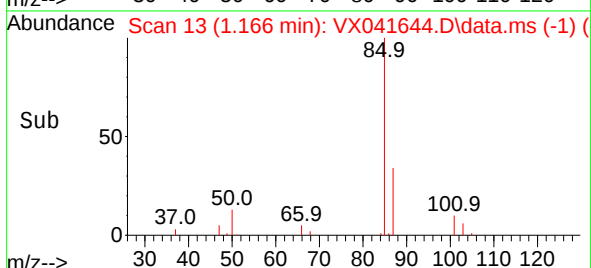
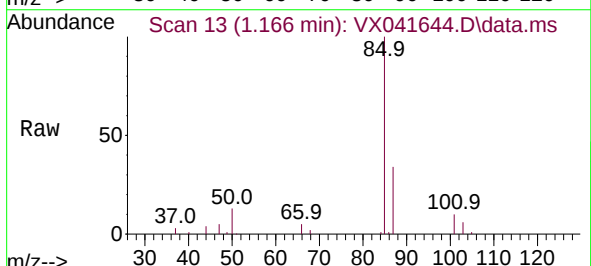


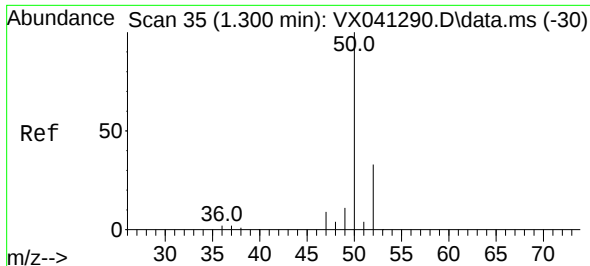
Tgt Ion:168 Resp: 171911  
Ion Ratio Lower Upper  
168 100  
99 49.2 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 19.326 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 85 Resp: 27300  
Ion Ratio Lower Upper  
85 100  
87 34.0 16.7 50.1

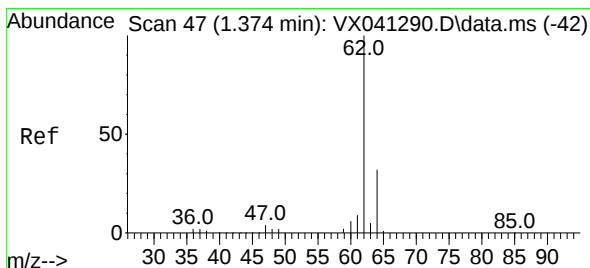
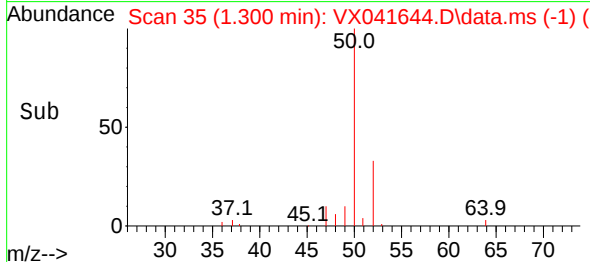
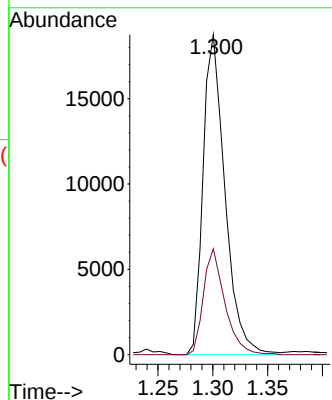
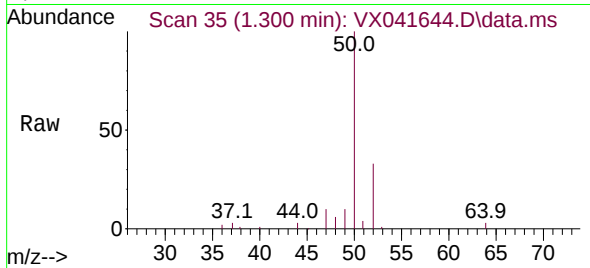




#3  
Chloromethane  
Concen: 17.839 ug/l  
RT: 1.300 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

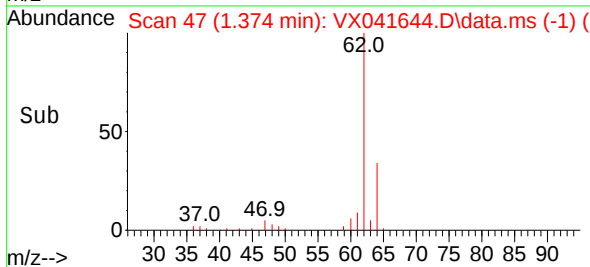
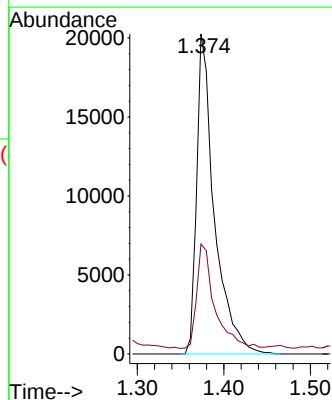
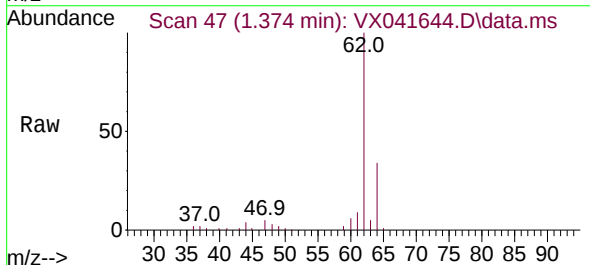
Instrument :  
MSVOA\_X  
ClientSampleId :

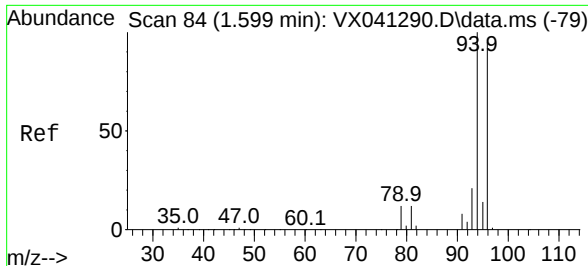
Tgt Ion: 50 Resp: 26075  
Ion Ratio Lower Upper  
50 100  
52 33.1 25.5 38.3



#4  
Vinyl Chloride  
Concen: 20.589 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 62 Resp: 28690  
Ion Ratio Lower Upper  
62 100  
64 32.6 25.4 38.0

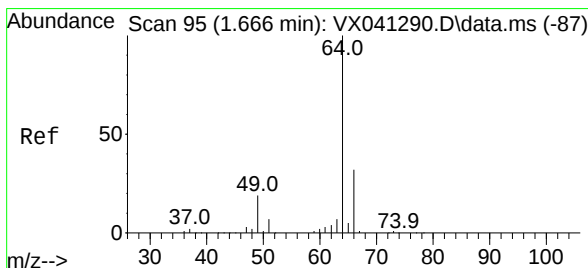
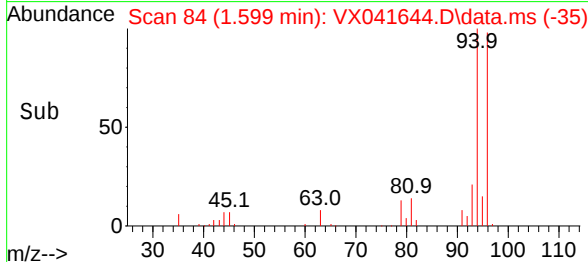
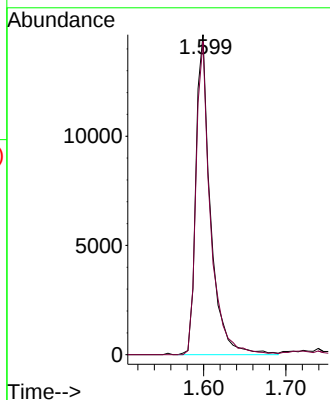
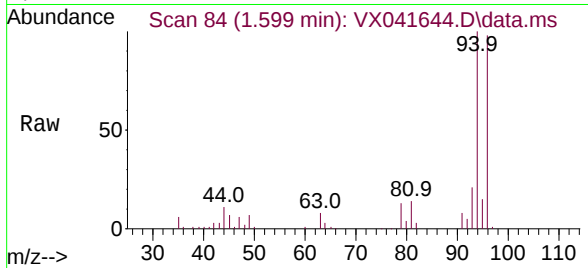




#5  
Bromomethane  
Concen: 20.670 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

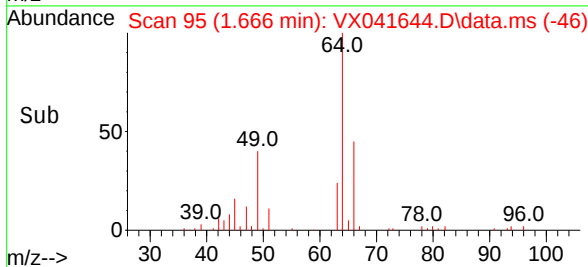
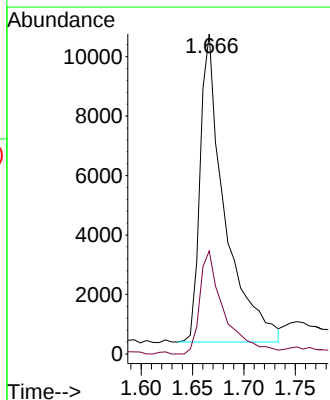
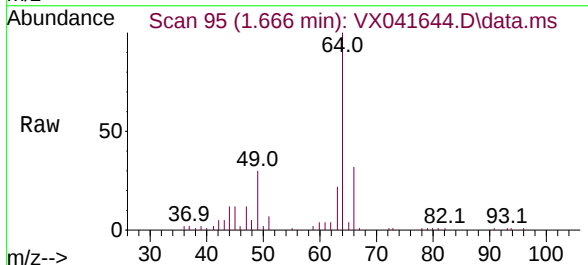
Instrument :  
MSVOA\_X  
ClientSampleId :

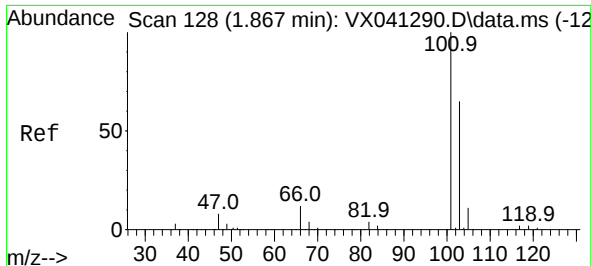
Tgt Ion: 94 Resp: 18056  
Ion Ratio Lower Upper  
94 100  
96 97.9 74.6 111.8



#6  
Chloroethane  
Concen: 26.536 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

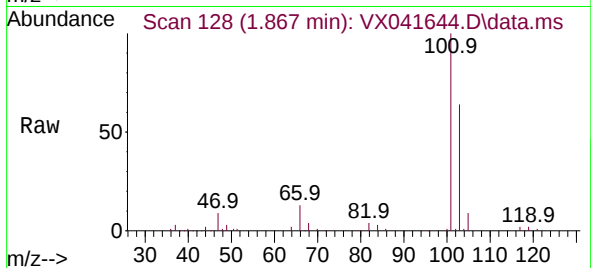
Tgt Ion: 64 Resp: 17168  
Ion Ratio Lower Upper  
64 100  
66 33.5 25.1 37.7



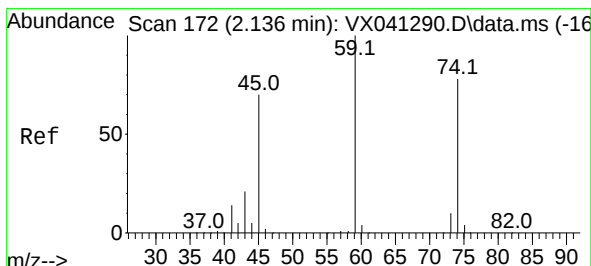
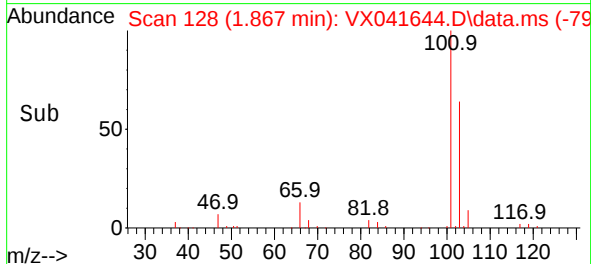
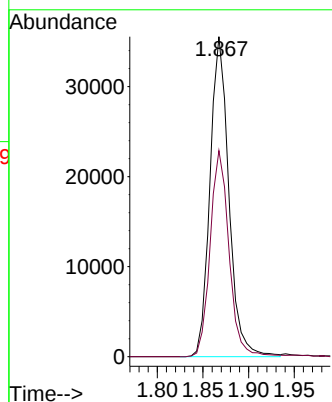


#7  
 Trichlorofluoromethane  
 Concen: 21.223 ug/l  
 RT: 1.867 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX041644.D  
 Acq: 24 May 2024 10:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :

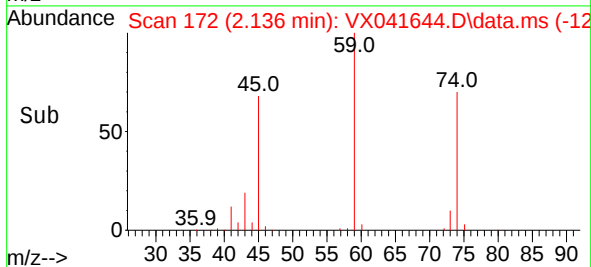
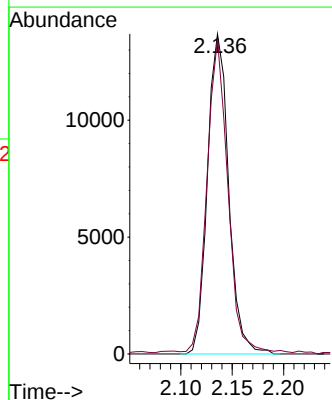
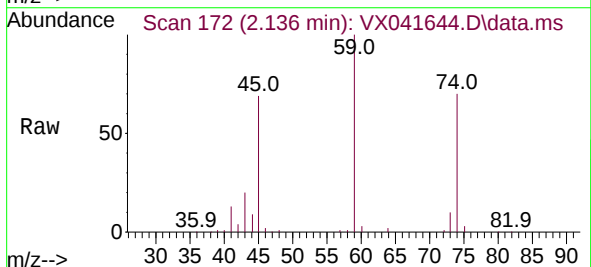


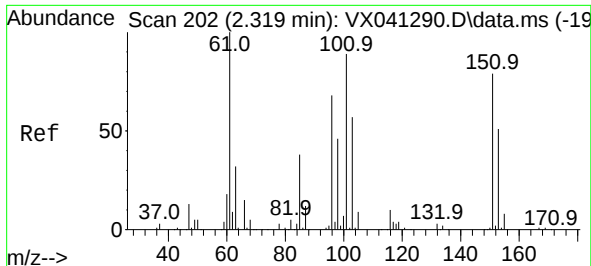
Tgt Ion:101 Resp: 50995  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 23.181 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX041644.D  
 Acq: 24 May 2024 10:59

Tgt Ion: 74 Resp: 19632  
 Ion Ratio Lower Upper  
 74 100  
 45 95.7 53.3 159.8

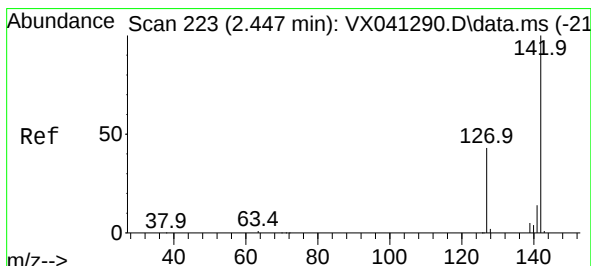
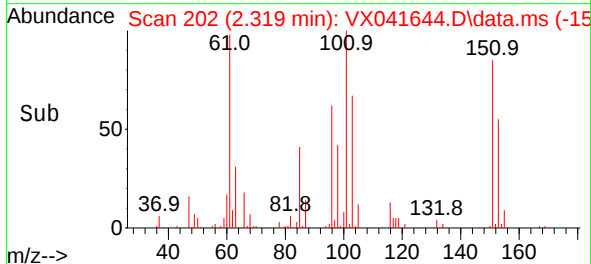
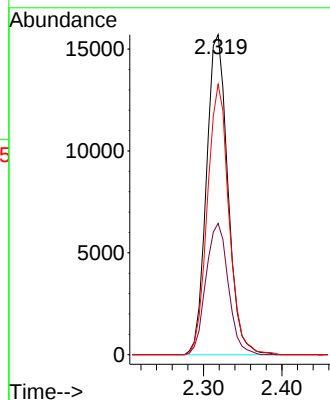
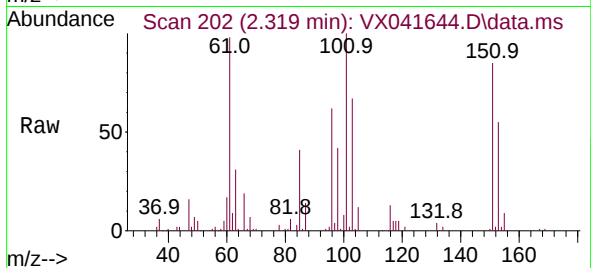




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.049 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

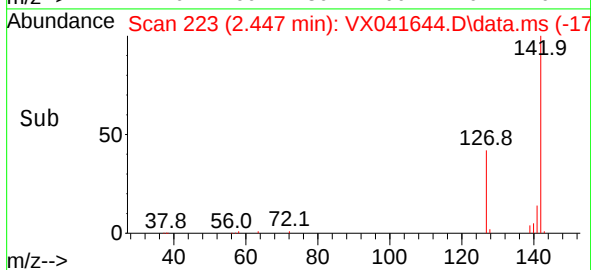
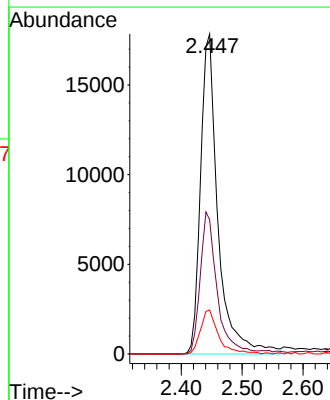
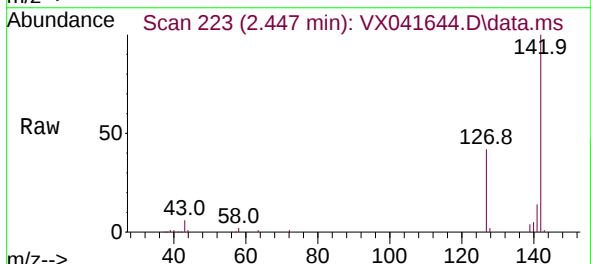
Instrument :  
MSVOA\_X  
ClientSampleId :

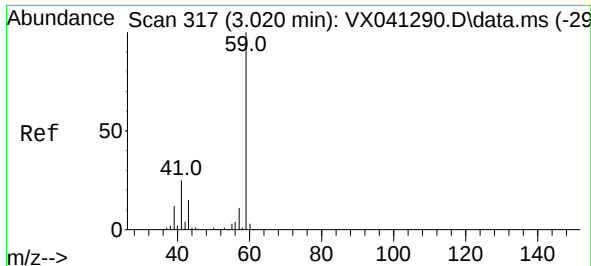
Tgt Ion:101 Resp: 29776  
Ion Ratio Lower Upper  
101 100  
85 42.9 37.0 55.6  
151 85.1 58.6 87.8



#10  
Methyl Iodide  
Concen: 24.372 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion:142 Resp: 35424  
Ion Ratio Lower Upper  
142 100  
127 43.0 41.6 62.4  
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 111.780 ug/l

RT: 2.995 min Scan# 317

Delta R.T. -0.024 min

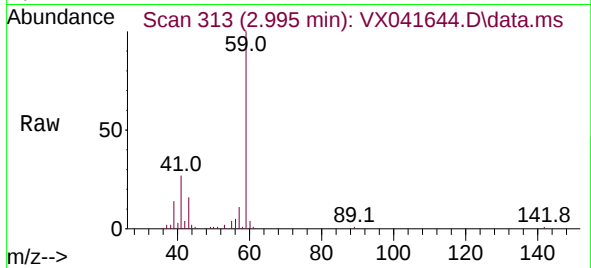
Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

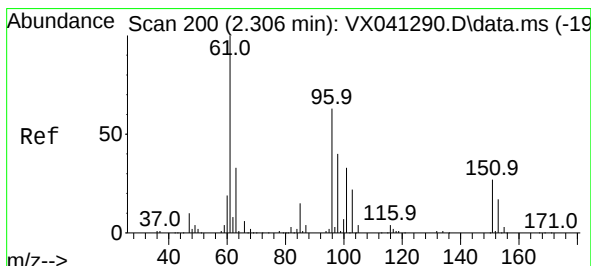
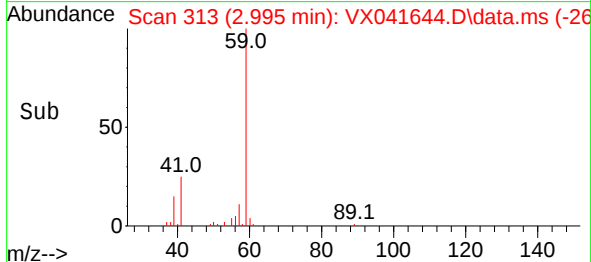
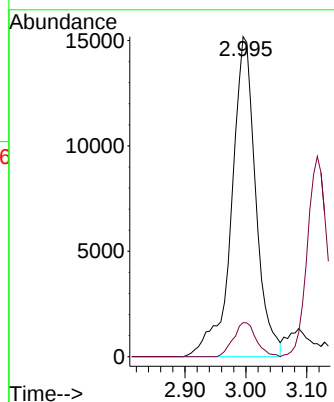


Tgt Ion: 59 Resp: 41871

Ion Ratio Lower Upper

59 100

57 10.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 19.657 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

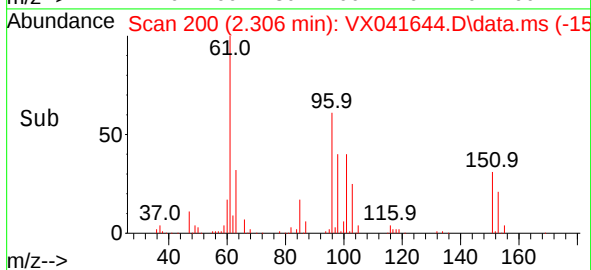
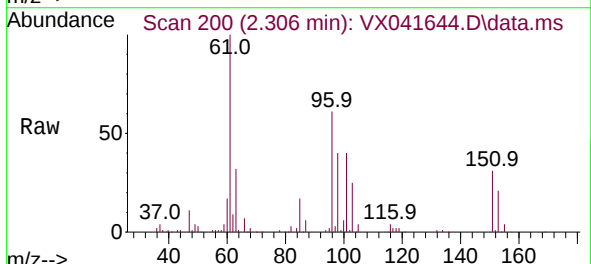
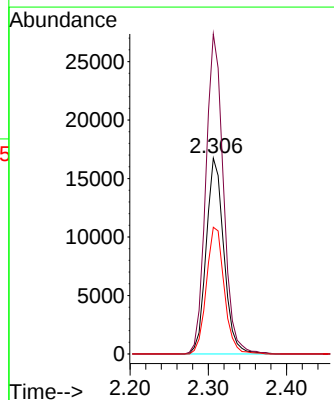
Tgt Ion: 96 Resp: 26187

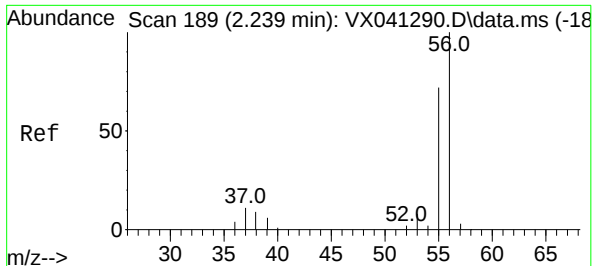
Ion Ratio Lower Upper

96 100

61 163.4 144.6 216.8

98 64.7 50.4 75.6





#13

Acrolein

Concen: 78.697 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

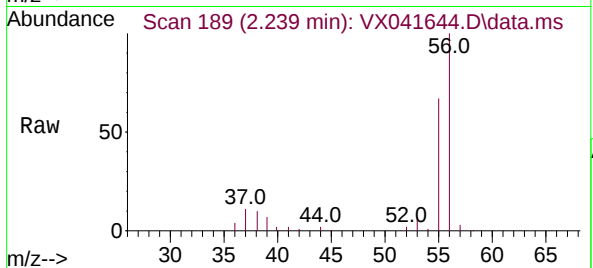
Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

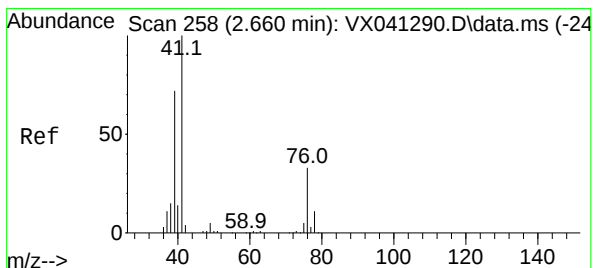
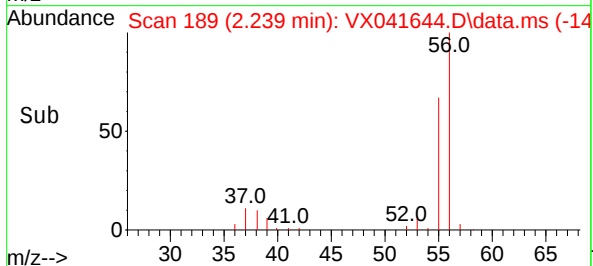
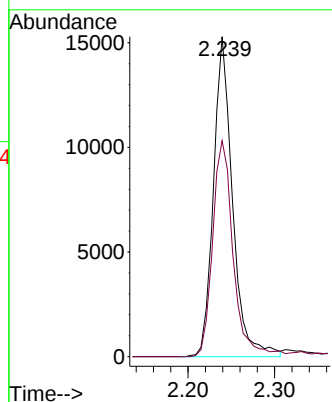


Tgt Ion: 56 Resp: 23386

Ion Ratio Lower Upper

56 100

55 72.7 57.1 85.7



#14

Allyl chloride

Concen: 20.851 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

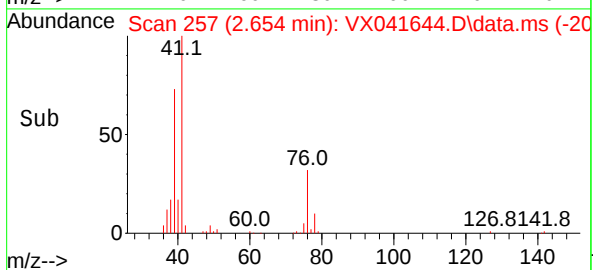
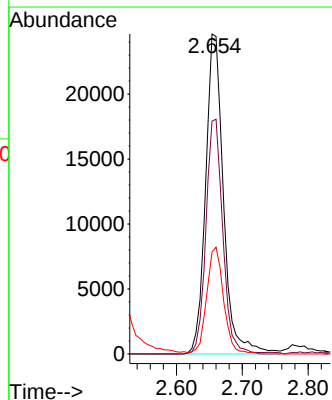
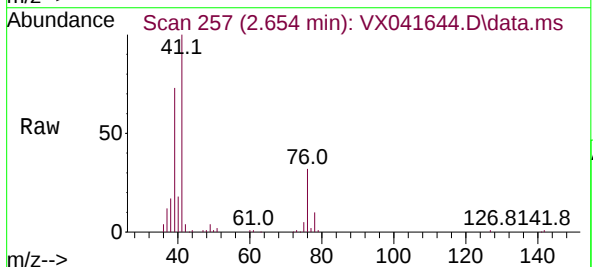
Tgt Ion: 41 Resp: 46667

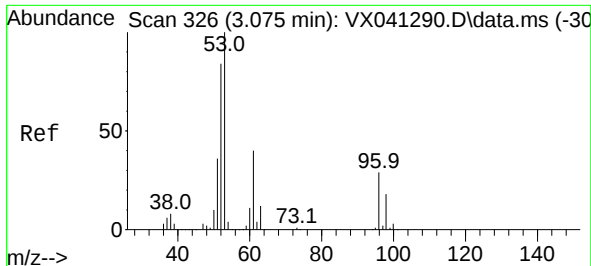
Ion Ratio Lower Upper

41 100

39 68.9 55.8 83.6

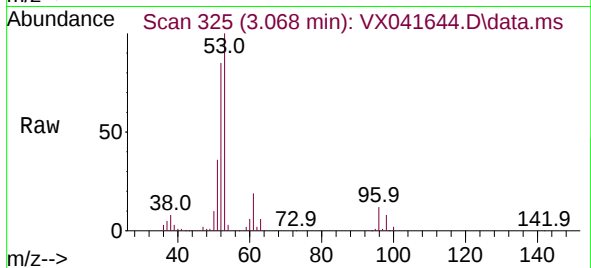
76 31.5 24.3 36.5



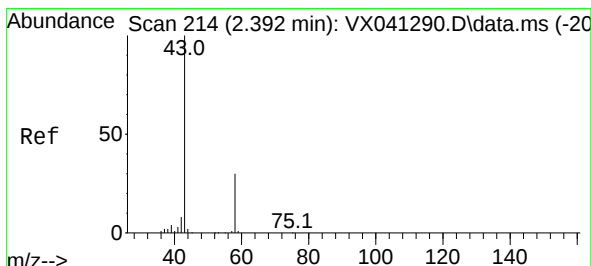
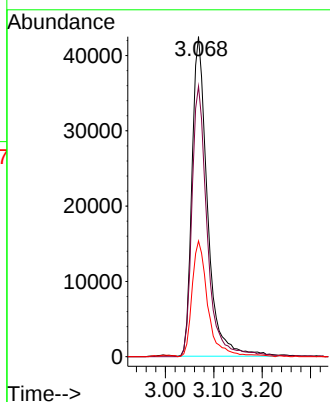
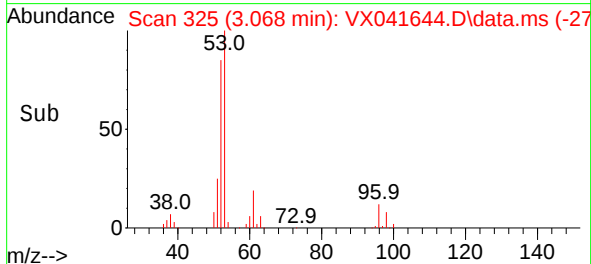


#15  
Acrylonitrile  
Concen: 110.508 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Instrument :  
MSVOA\_X  
ClientSampleId :

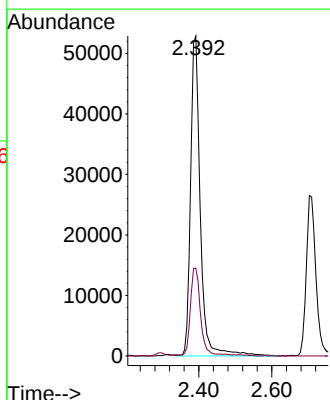
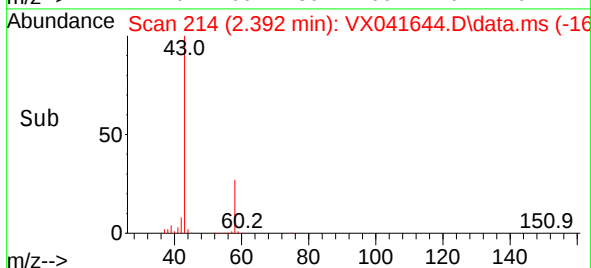
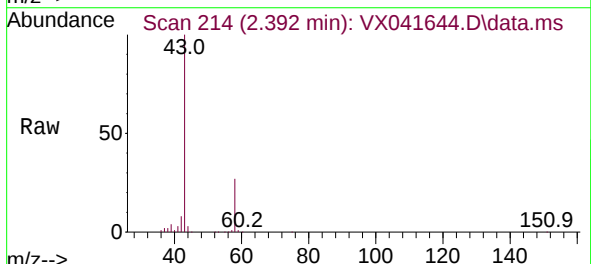


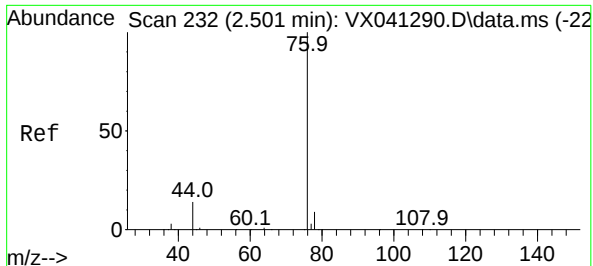
Tgt Ion: 53 Resp: 94475  
Ion Ratio Lower Upper  
53 100  
52 84.3 66.0 99.0  
51 37.1 29.8 44.6



#16  
Acetone  
Concen: 116.740 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 43 Resp: 97928  
Ion Ratio Lower Upper  
43 100  
58 27.4 21.9 32.9

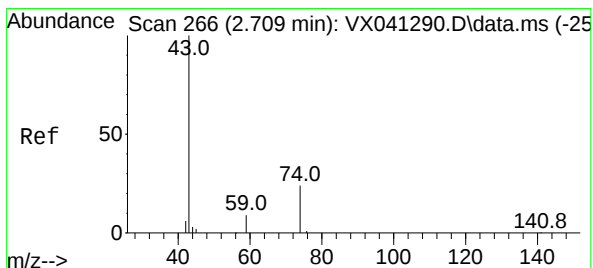
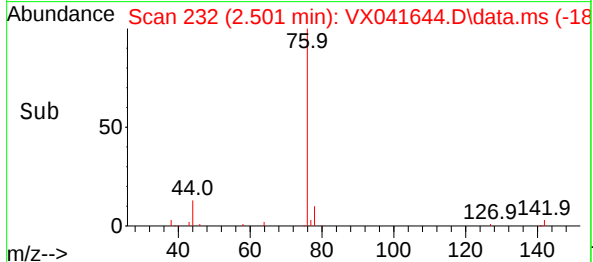
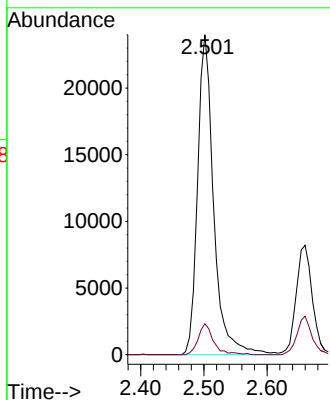
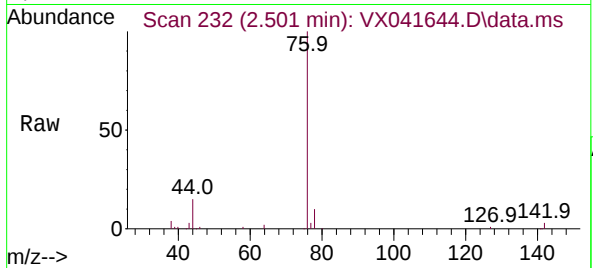




#17  
Carbon Disulfide  
Concen: 13.588 ug/l  
RT: 2.501 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

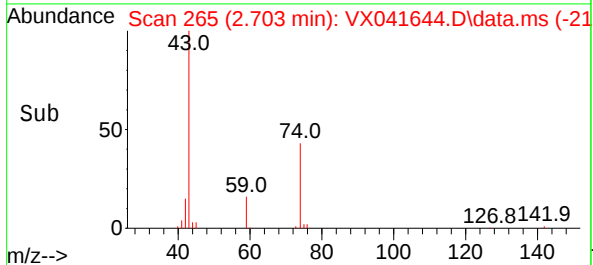
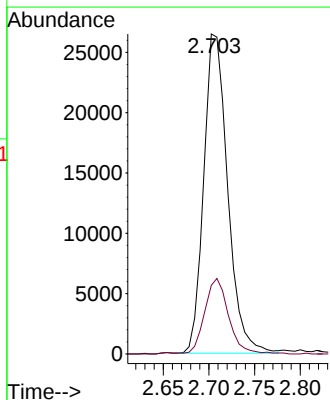
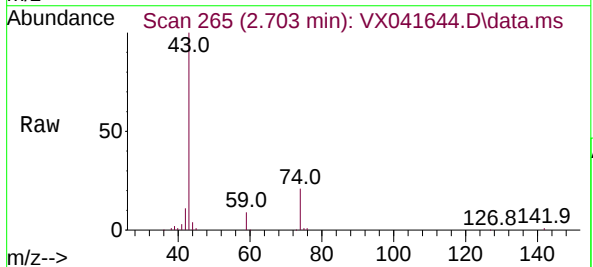
Instrument :  
MSVOA\_X  
ClientSampleId :

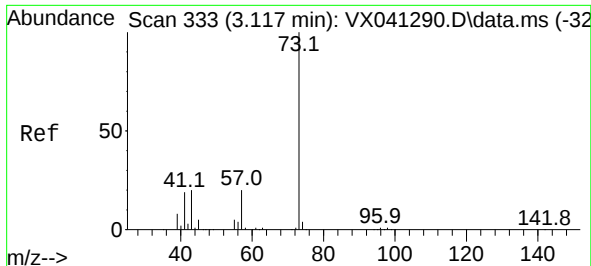
Tgt Ion: 76 Resp: 42553  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.0 10.6



#18  
Methyl Acetate  
Concen: 25.170 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 43 Resp: 48194  
Ion Ratio Lower Upper  
43 100  
74 23.6 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 20.874 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

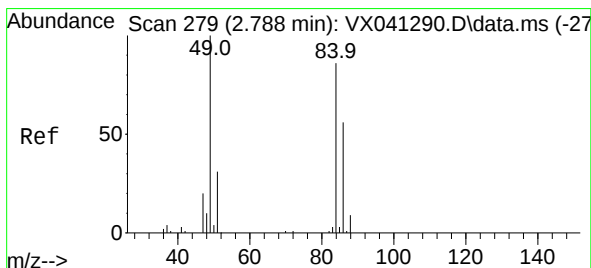
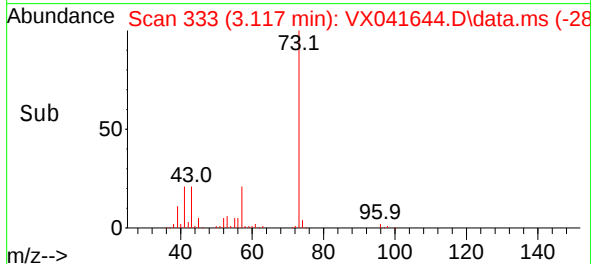
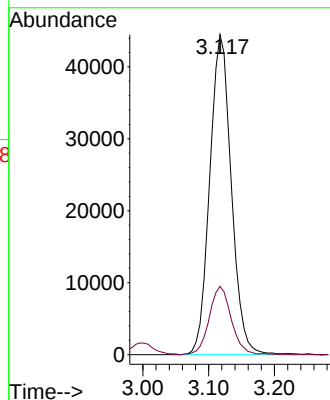
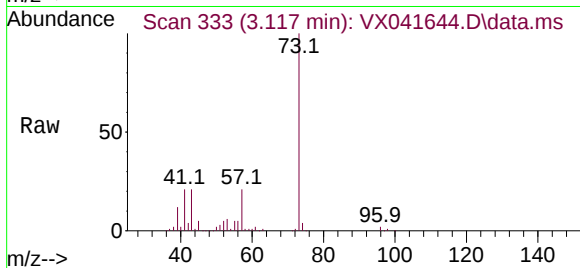
ClientSampleId :

Tgt Ion: 73 Resp: 101370

Ion Ratio Lower Upper

73 100

57 21.4 17.3 25.9



#20

Methylene Chloride

Concen: 19.991 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Tgt Ion: 84 Resp: 32479

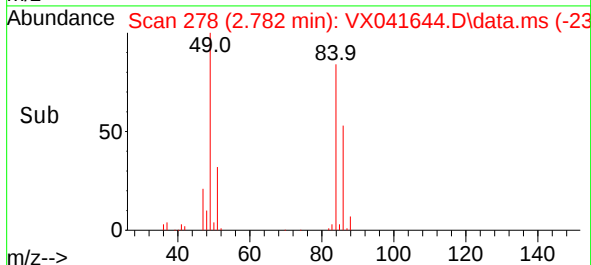
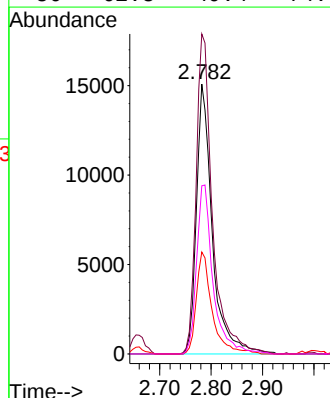
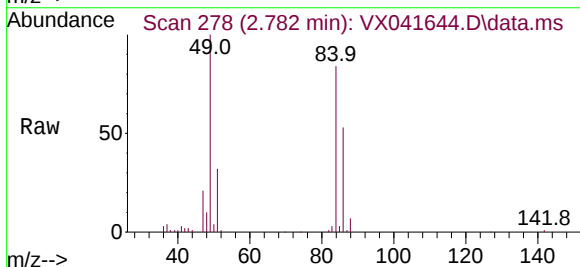
Ion Ratio Lower Upper

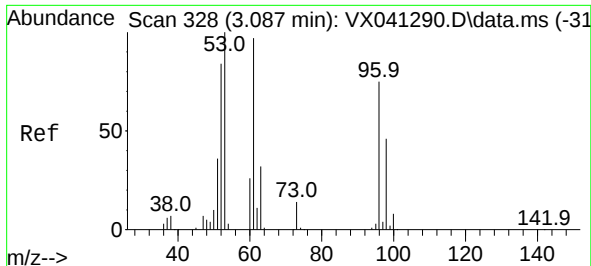
84 100

49 118.5 103.6 155.4

51 37.8 33.8 50.6

86 62.3 49.4 74.0

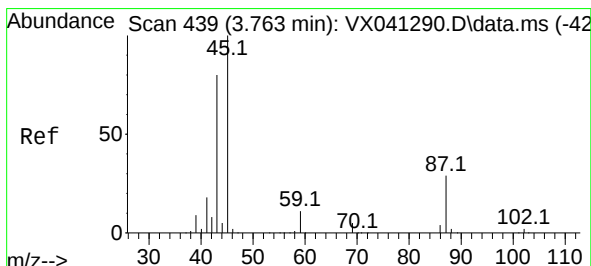
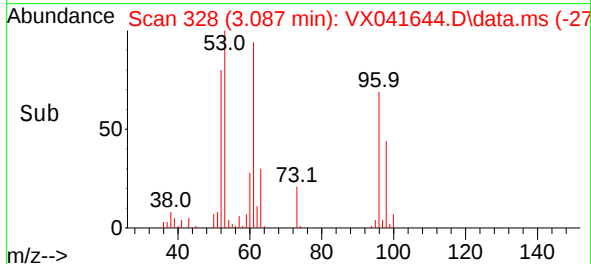
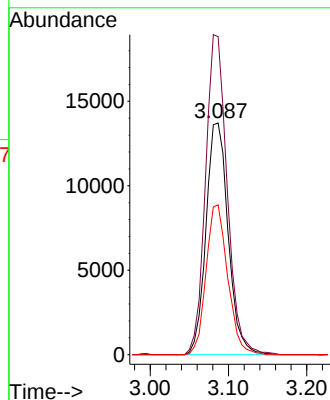
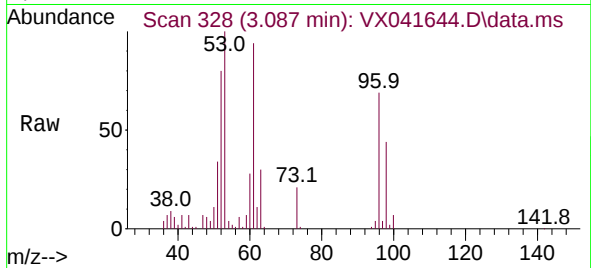




#21  
trans-1,2-Dichloroethene  
Concen: 18.123 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

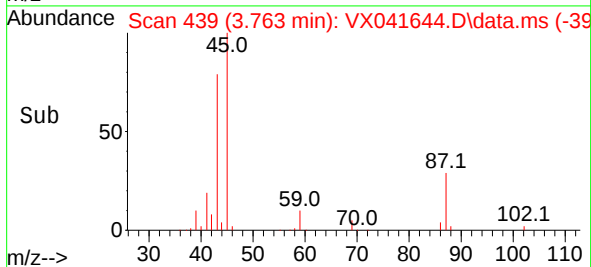
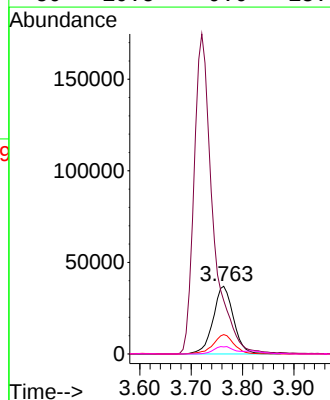
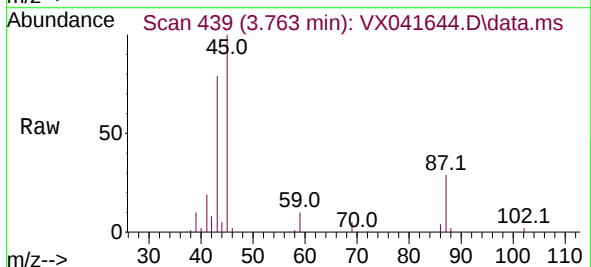
Instrument :  
MSVOA\_X  
ClientSampleId :

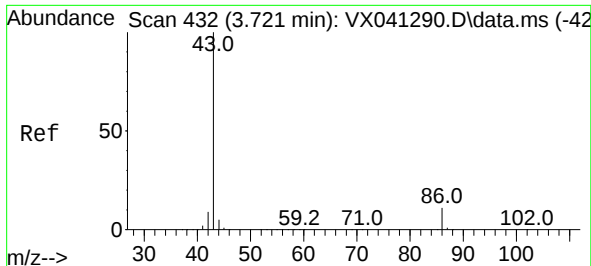
Tgt Ion: 96 Resp: 26981  
Ion Ratio Lower Upper  
96 100  
61 137.3 119.2 178.8  
98 64.7 48.7 73.1



#22  
Diisopropyl ether  
Concen: 21.413 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 45 Resp: 101571  
Ion Ratio Lower Upper  
45 100  
43 77.8 69.7 104.5  
87 28.7 20.8 31.2  
59 10.5 9.0 13.4

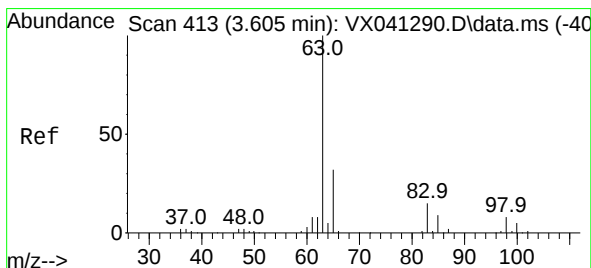
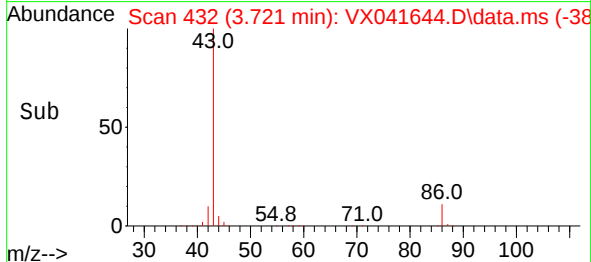
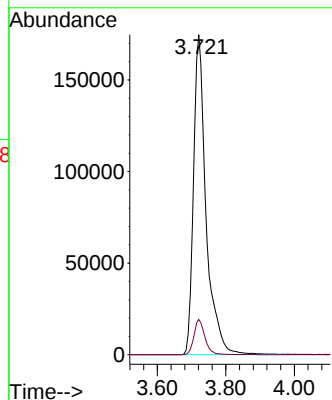
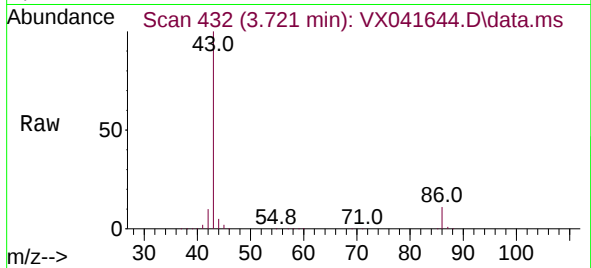




#23  
 Vinyl Acetate  
 Concen: 105.308 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX041644.D  
 Acq: 24 May 2024 10:59

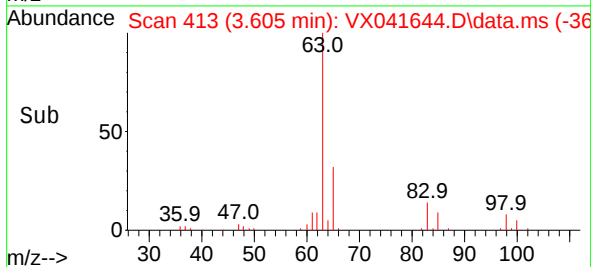
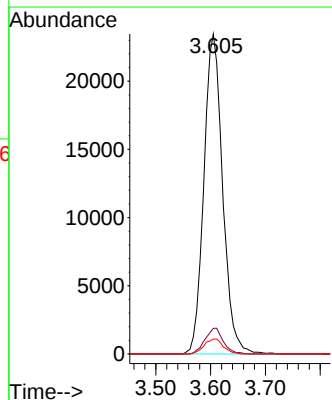
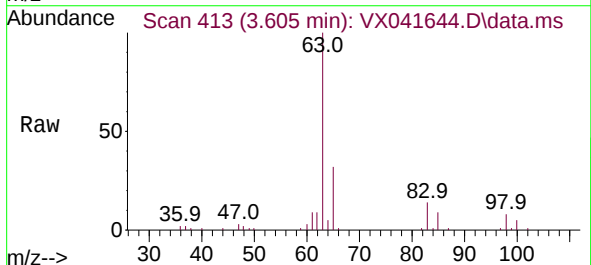
Instrument :  
 MSVOA\_X  
 ClientSampleId :

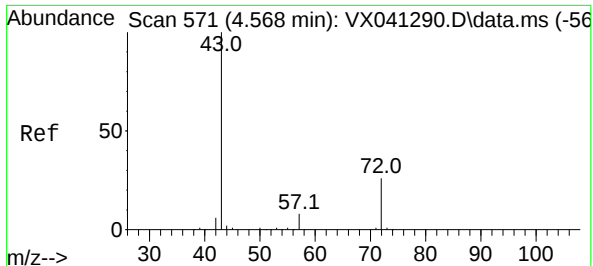
Tgt Ion: 43 Resp: 446830  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 20.788 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX041644.D  
 Acq: 24 May 2024 10:59

Tgt Ion: 63 Resp: 55706  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.3 9.8  
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 115.358 ug/l

RT: 4.562 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

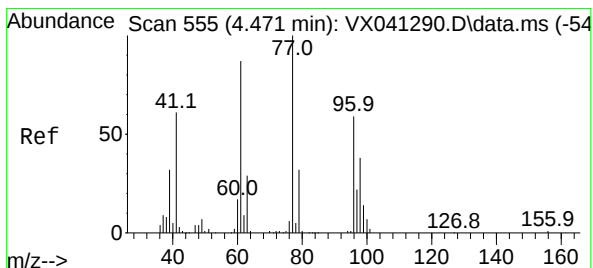
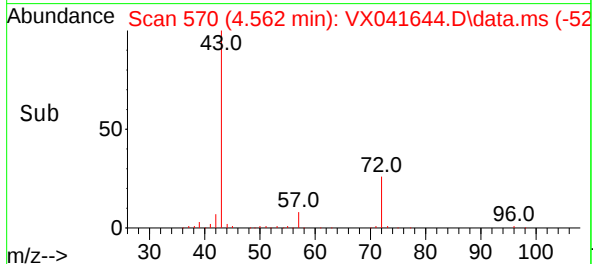
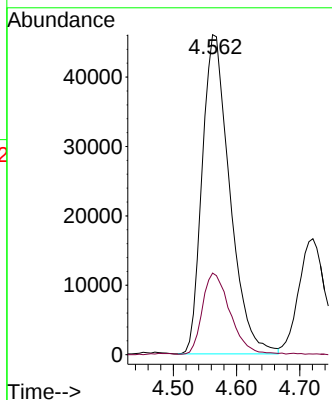
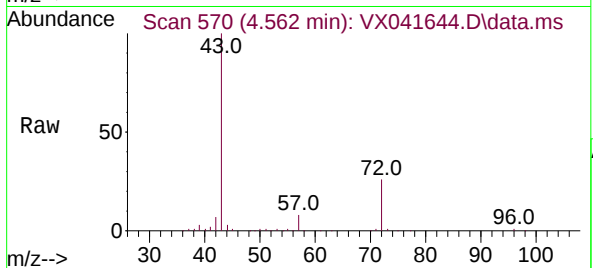
ClientSampleId :

Tgt Ion: 43 Resp: 139730

Ion Ratio Lower Upper

43 100

72 25.4 19.4 29.2



#26

2,2-Dichloropropane

Concen: 19.593 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX041644.D

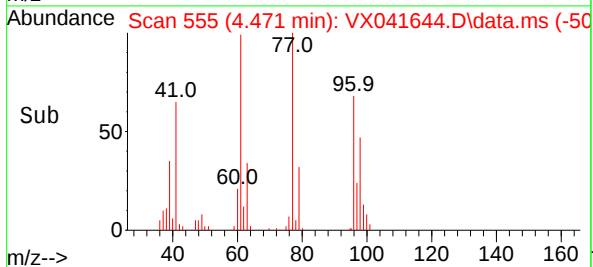
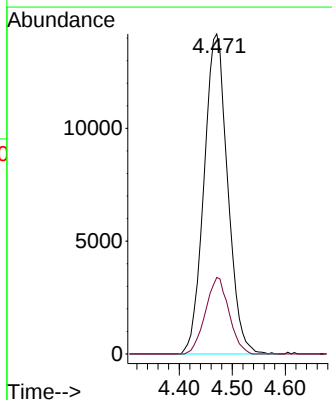
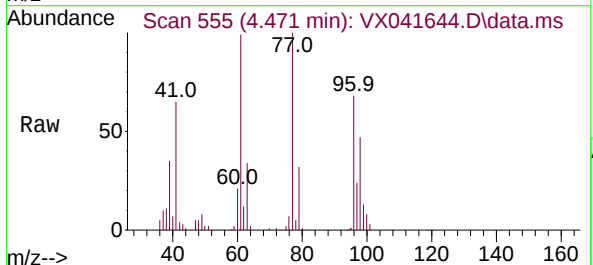
Acq: 24 May 2024 10:59

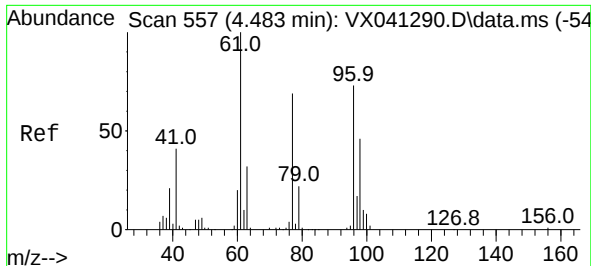
Tgt Ion: 77 Resp: 43899

Ion Ratio Lower Upper

77 100

97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.091 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

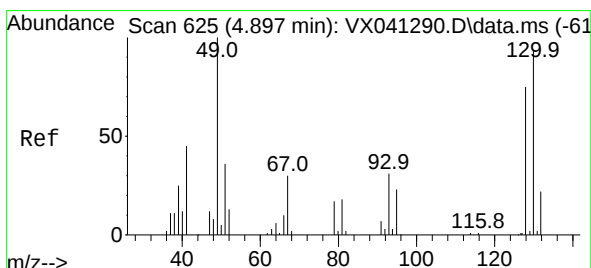
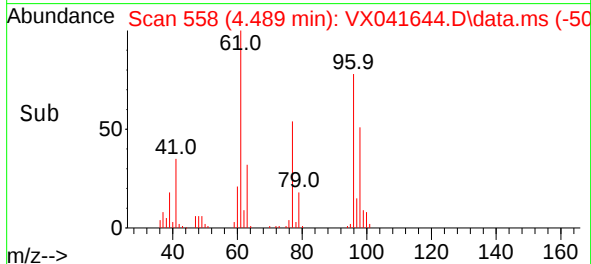
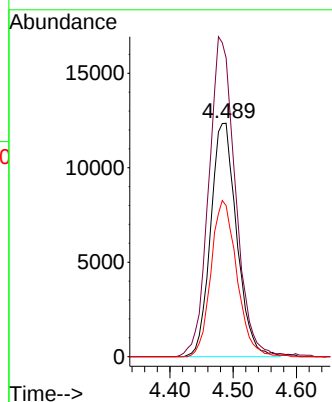
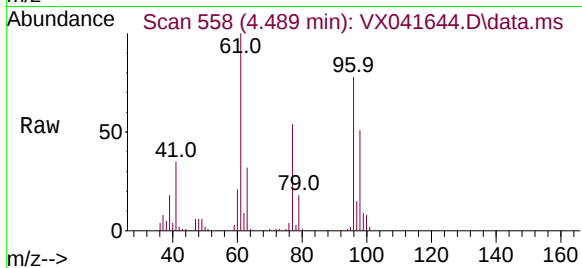
Tgt Ion: 96 Resp: 35414

Ion Ratio Lower Upper

96 100

61 139.9 0.0 312.2

98 66.3 0.0 129.0



#28

Bromochloromethane

Concen: 21.499 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

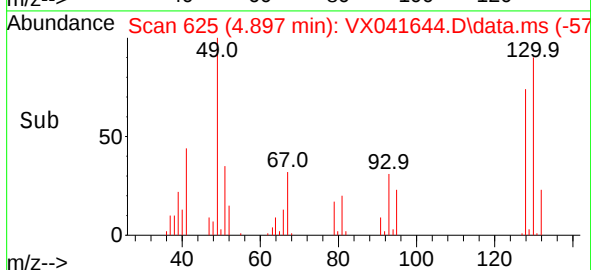
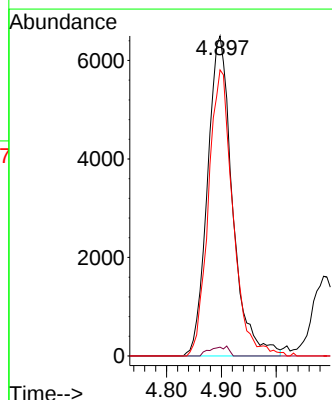
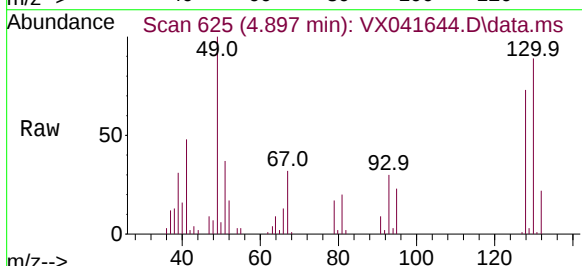
Tgt Ion: 49 Resp: 20561

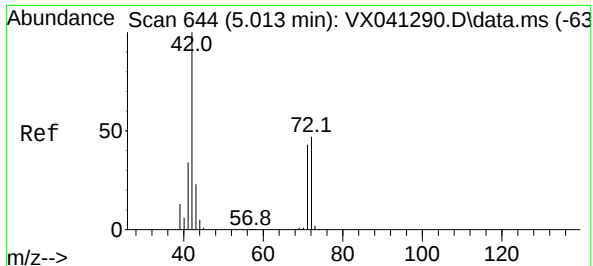
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 87.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 108.987 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

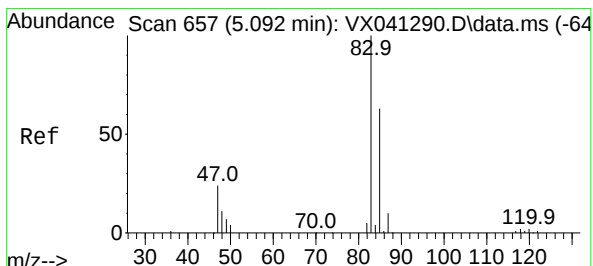
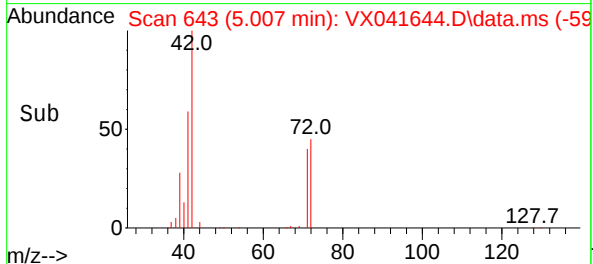
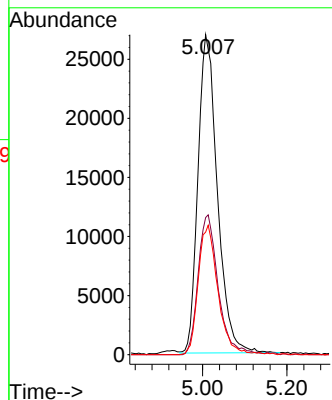
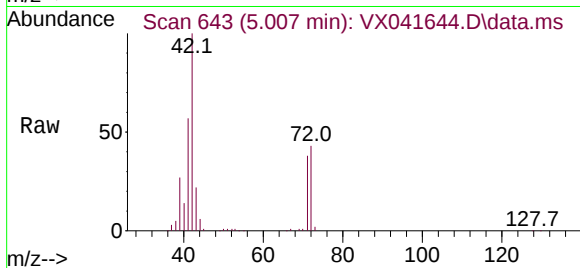
Tgt Ion: 42 Resp: 86336

Ion Ratio Lower Upper

42 100

72 45.3 34.2 51.4

71 41.1 32.2 48.2



#30

Chloroform

Concen: 21.350 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX041644.D

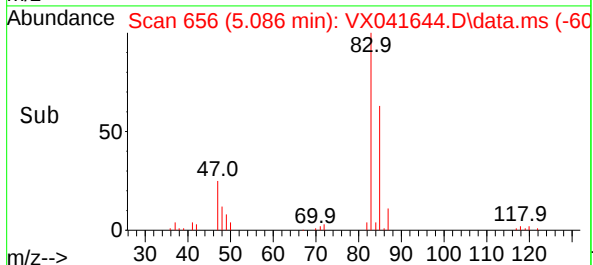
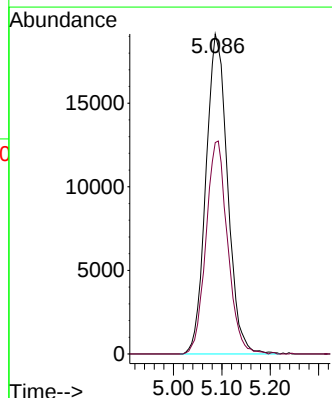
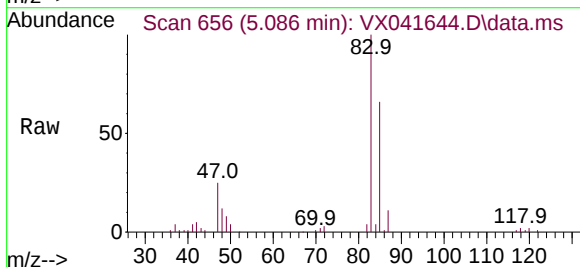
Acq: 24 May 2024 10:59

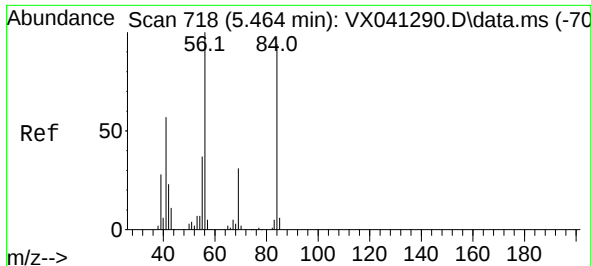
Tgt Ion: 83 Resp: 59522

Ion Ratio Lower Upper

83 100

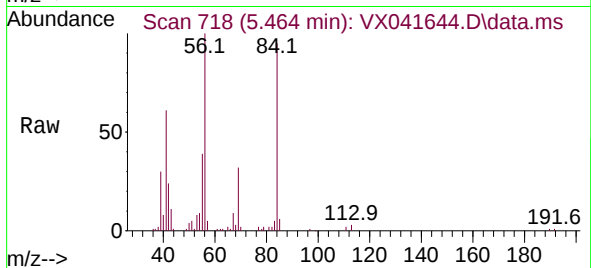
85 66.1 50.3 75.5



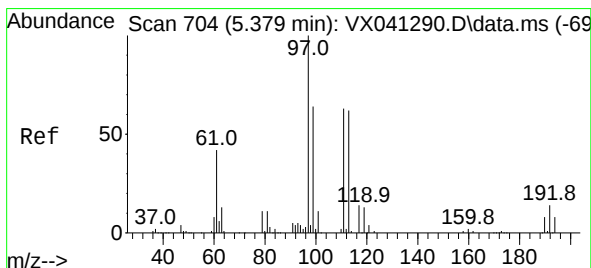
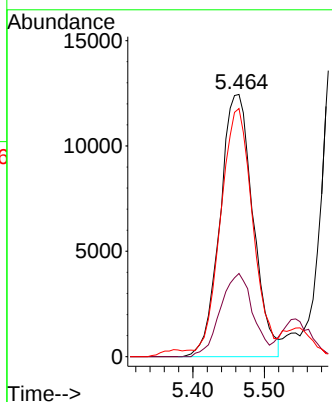
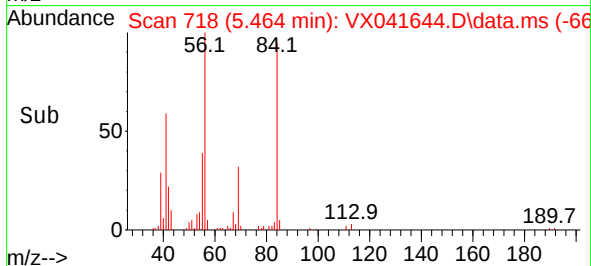


#31  
Cyclohexane  
Concen: 17.621 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Instrument :  
MSVOA\_X  
ClientSampleId :

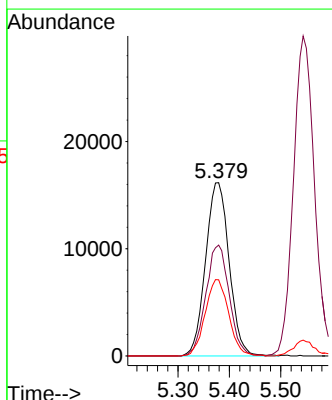
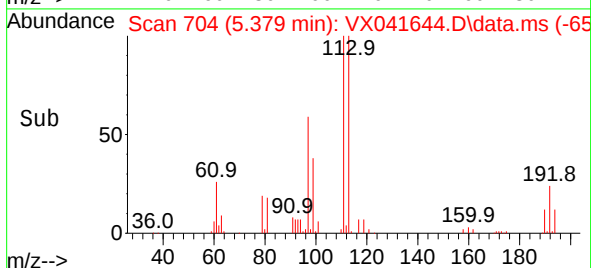
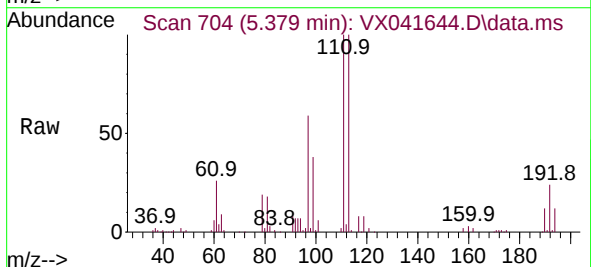


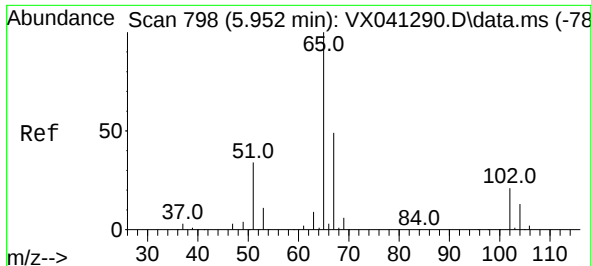
Tgt Ion: 56 Resp: 39802  
Ion Ratio Lower Upper  
56 100  
69 31.3 23.4 35.2  
84 92.1 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 20.327 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 97 Resp: 51559  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.1 76.7  
61 43.9 36.4 54.6

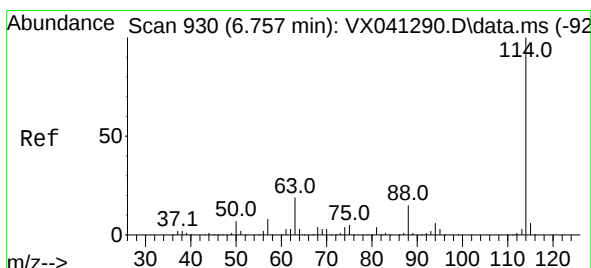
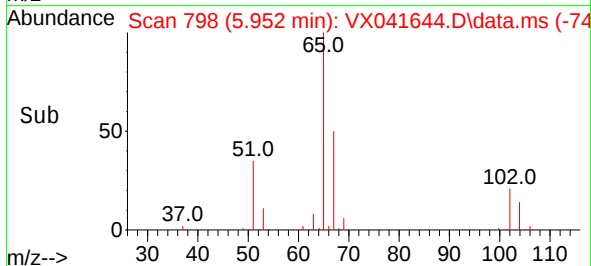
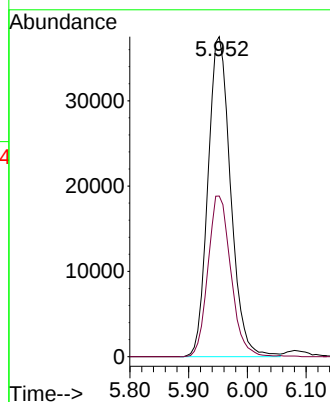
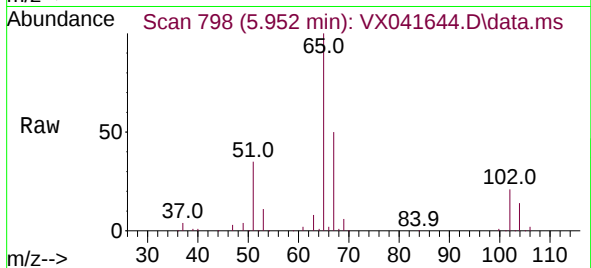




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.753 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX041644.D  
 Acq: 24 May 2024 10:59

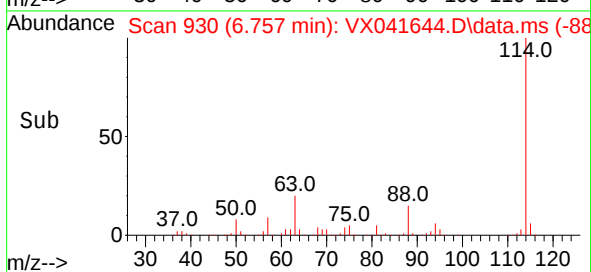
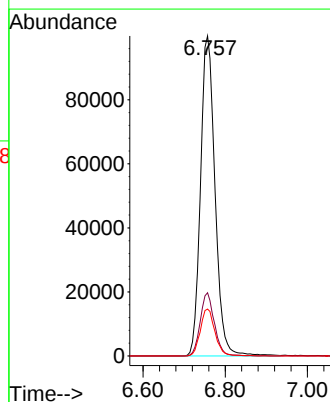
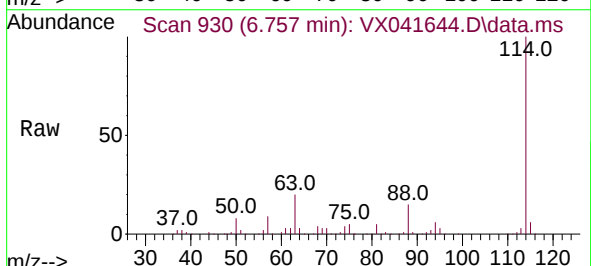
Instrument :  
 MSVOA\_X  
 ClientSampleId :

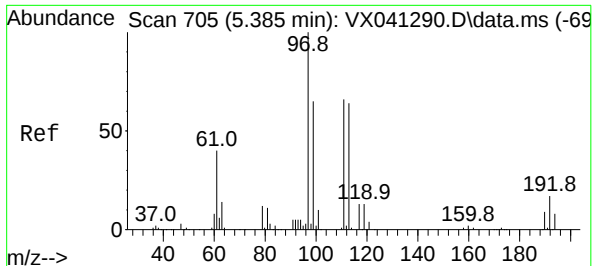
Tgt Ion: 65 Resp: 100599  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX041644.D  
 Acq: 24 May 2024 10:59

Tgt Ion: 114 Resp: 244940  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 45.0  
 88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.488 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

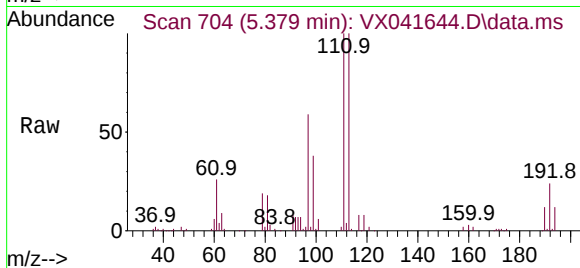
Lab File: VX041644.D

Acq: 24 May 2024 10:59

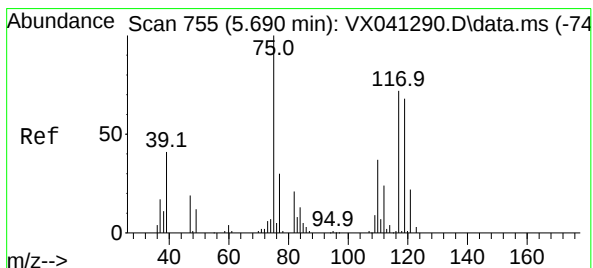
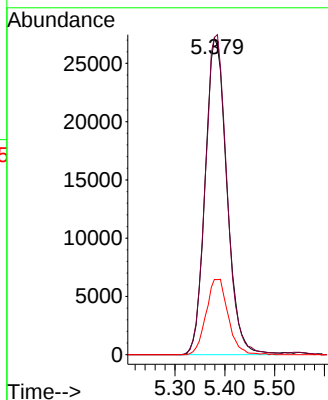
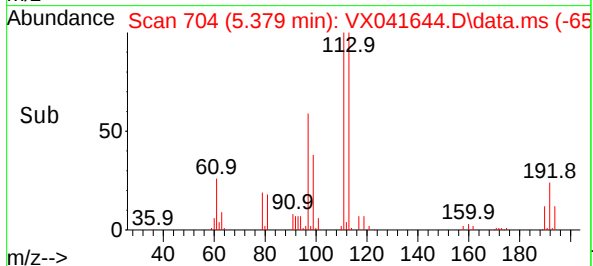
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 82144 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 100.9 | 82.9  | 124.3 |
| 192      | 24.2  | 13.3  | 19.9# |



#36

1,1-Dichloropropene

Concen: 17.865 ug/l

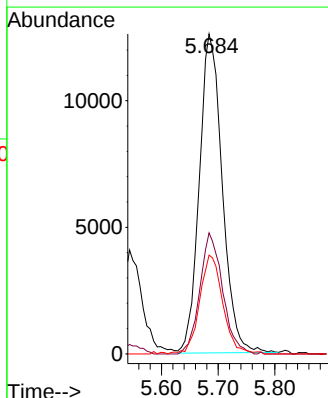
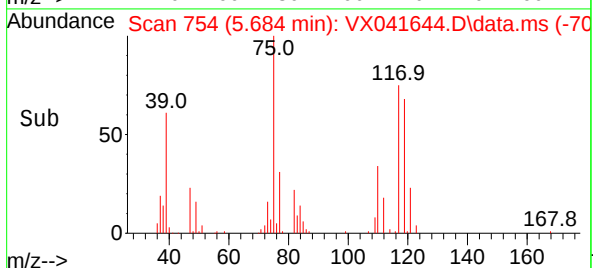
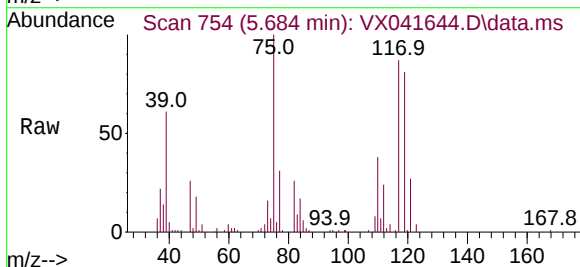
RT: 5.684 min Scan# 754

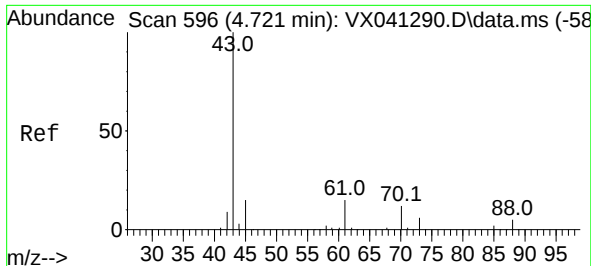
Delta R.T. -0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 35459 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.6  | 17.0  | 50.9  |
| 77       | 31.2  | 24.7  | 37.1  |





#37

Ethyl Acetate

Concen: 20.499 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

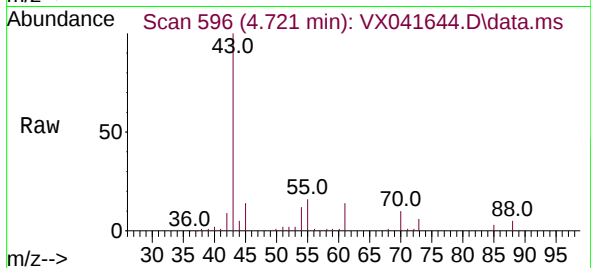
Lab File: VX041644.D

Acq: 24 May 2024 10:59

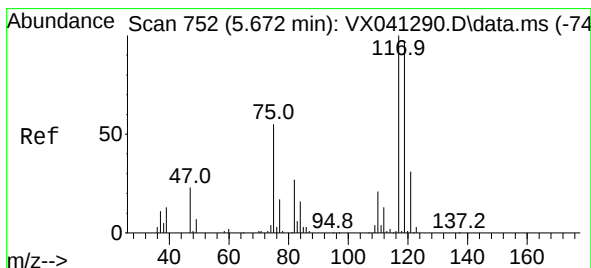
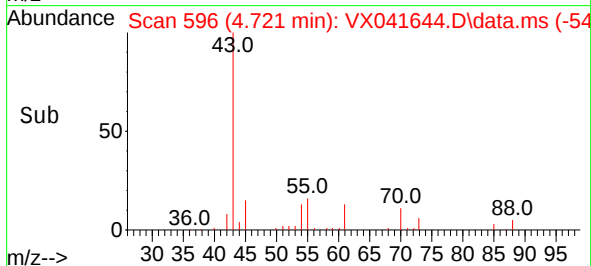
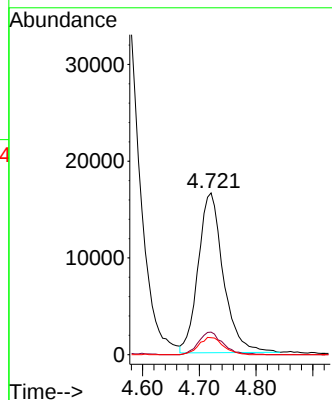
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 50766 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 13.8  | 10.6  | 16.0  |
| 70        | 10.5  | 8.3   | 12.5  |



#38

Carbon Tetrachloride

Concen: 18.550 ug/l

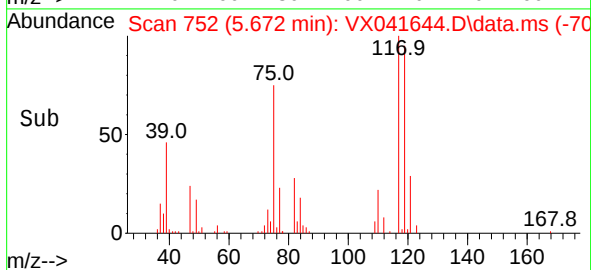
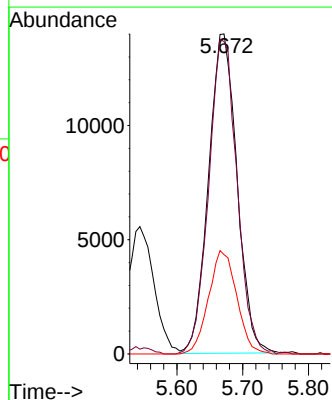
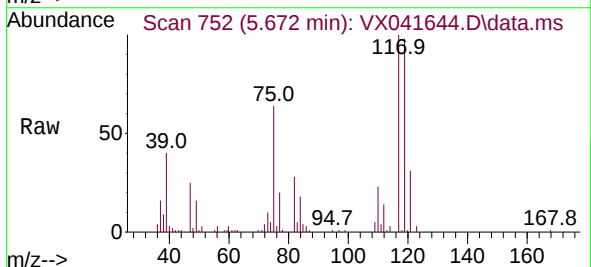
RT: 5.672 min Scan# 752

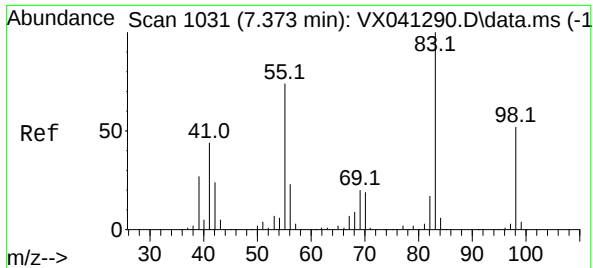
Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 42179 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 97.5  | 78.2  | 117.2 |
| 121       | 31.2  | 24.4  | 36.6  |





#39

Methylcyclohexane

Concen: 18.332 ug/l

RT: 7.373 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

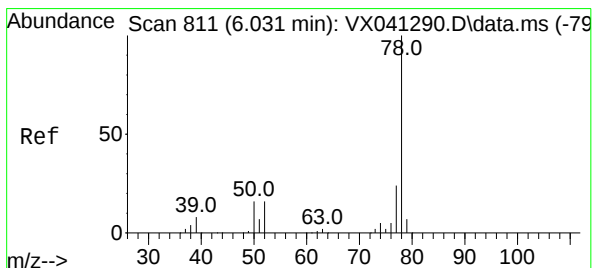
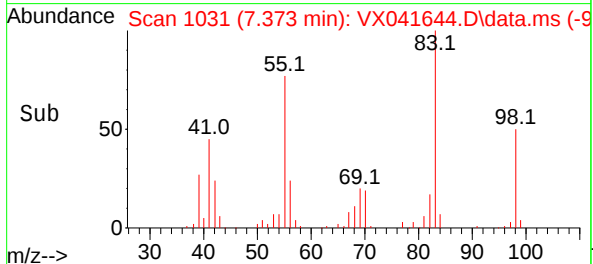
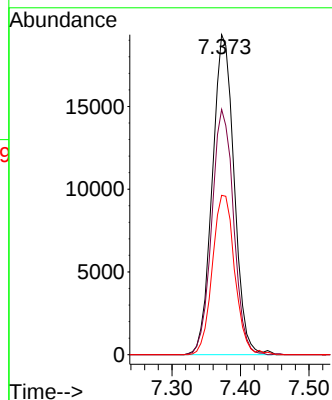
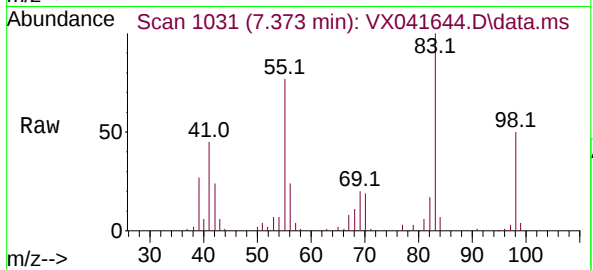
Tgt Ion: 83 Resp: 42746

Ion Ratio Lower Upper

83 100

55 76.6 64.6 97.0

98 49.8 36.7 55.1



#40

Benzene

Concen: 19.250 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX041644.D

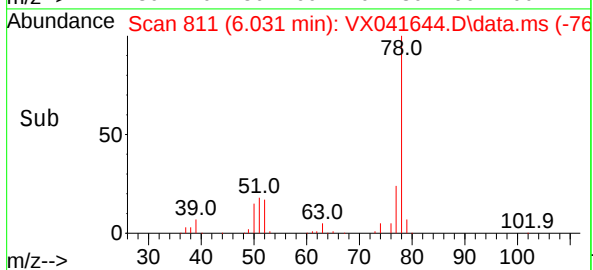
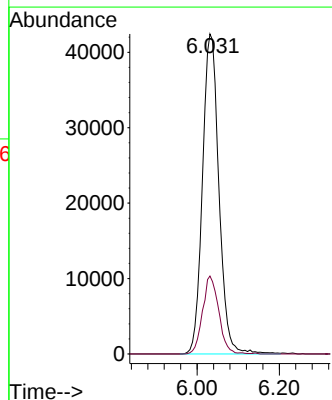
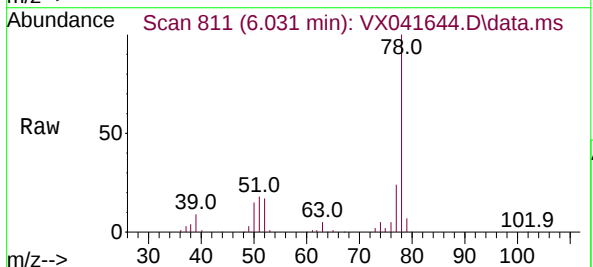
Acq: 24 May 2024 10:59

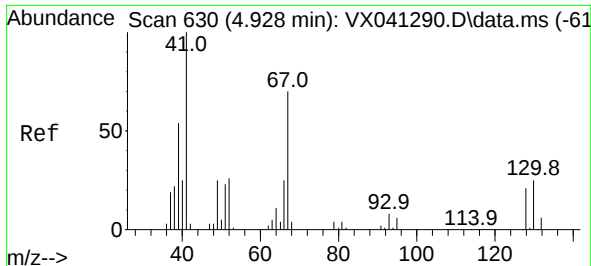
Tgt Ion: 78 Resp: 117786

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

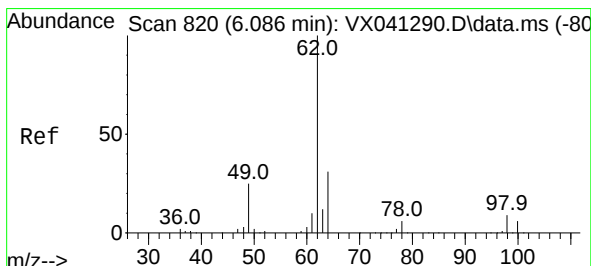
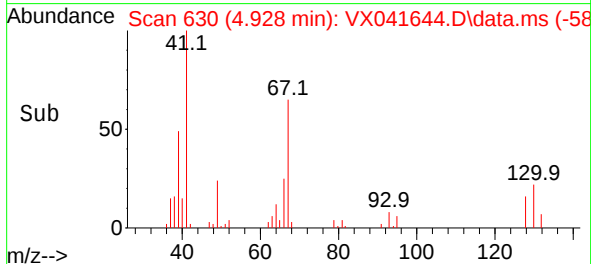
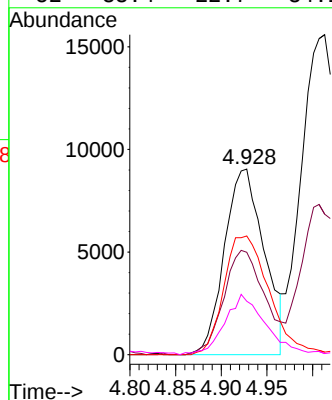
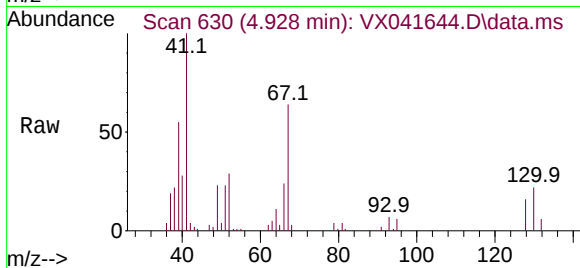




#41  
Methacrylonitrile  
Concen: 21.505 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

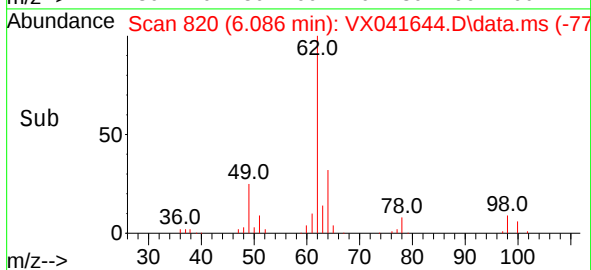
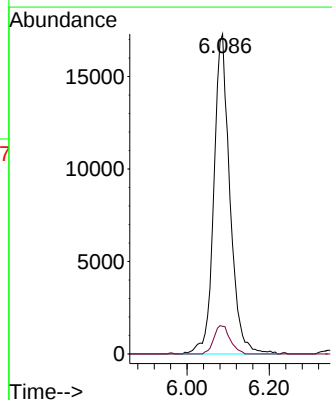
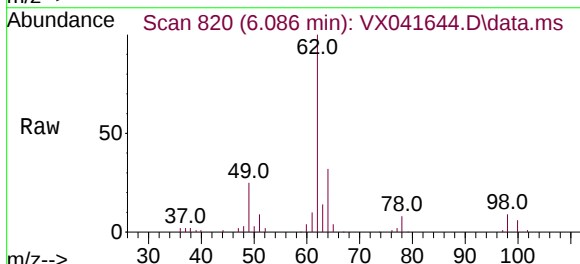
Instrument :  
MSVOA\_X  
ClientSampleId :

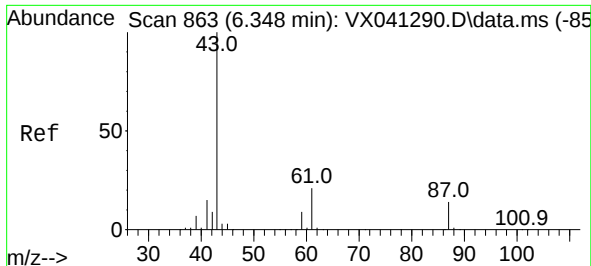
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 27411 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 59.3     | 45.2 67.8   |
| 67 73.2     | 52.6 78.8   |
| 52 33.4     | 22.7 34.1   |



#42  
1,2-Dichloroethane  
Concen: 20.941 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 46959 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.9      | 0.0 16.0    |





#43

Isopropyl Acetate

Concen: 21.155 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

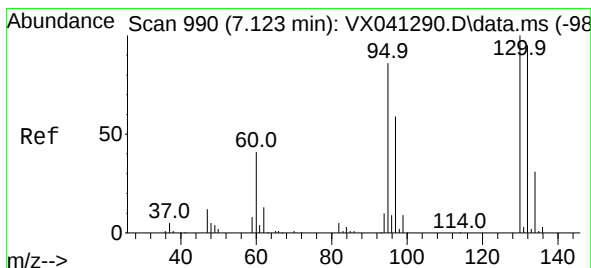
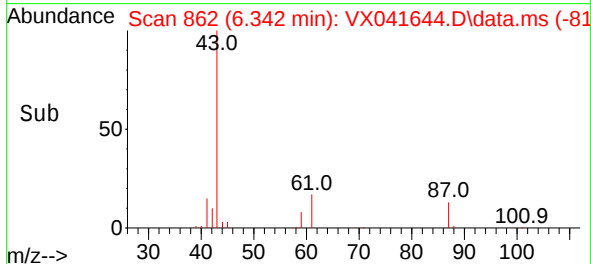
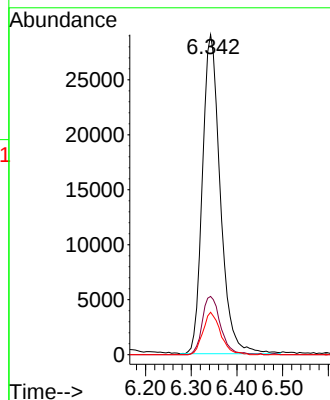
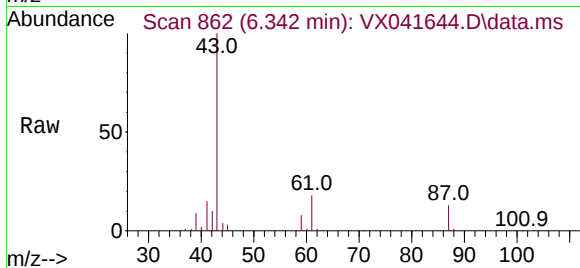
Tgt Ion: 43 Resp: 78774

Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

87 13.0 9.8 14.6



#44

Trichloroethene

Concen: 19.984 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX041644.D

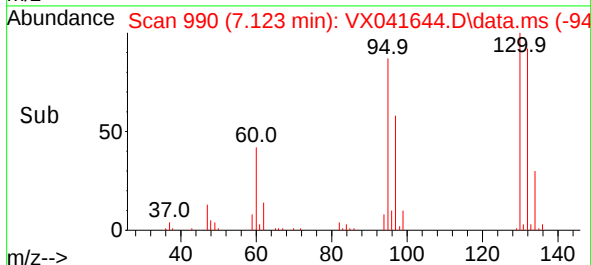
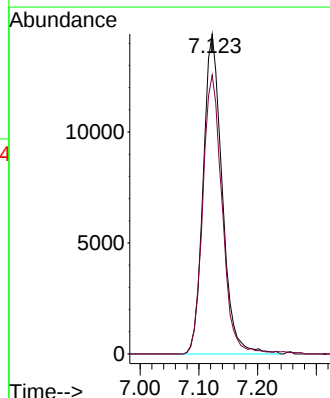
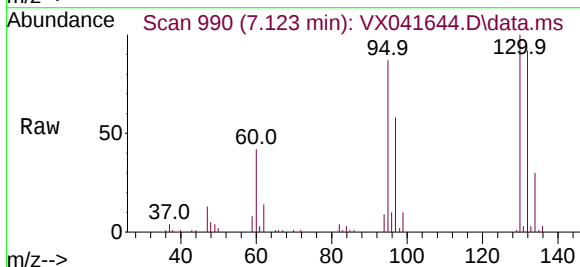
Acq: 24 May 2024 10:59

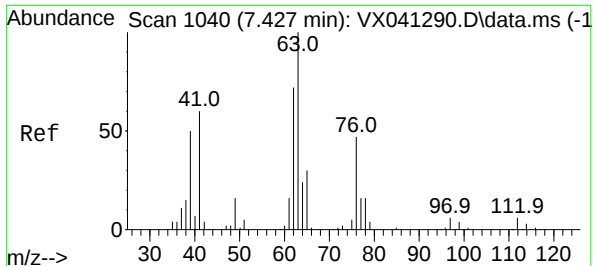
Tgt Ion:130 Resp: 32288

Ion Ratio Lower Upper

130 100

95 87.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 22.520 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

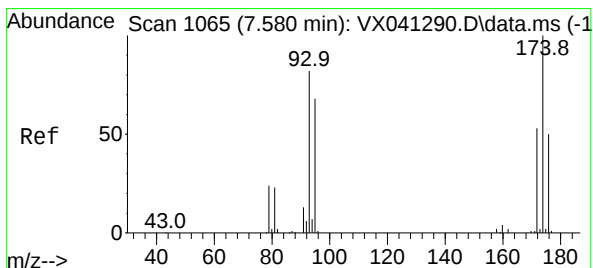
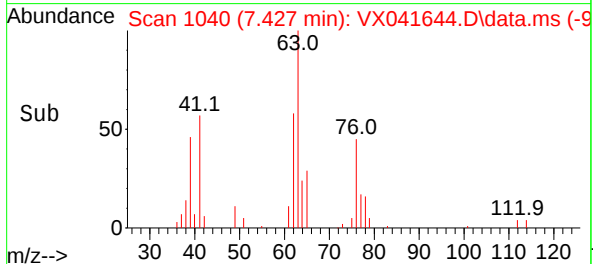
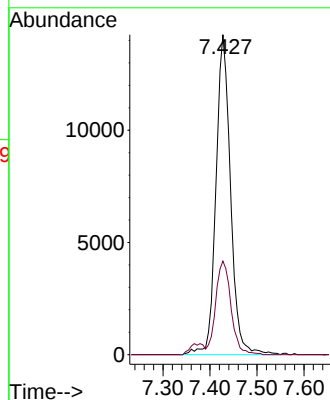
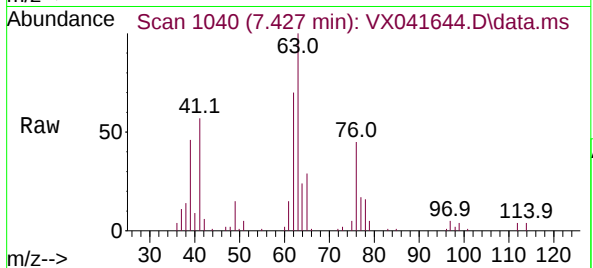
ClientSampleId :

Tgt Ion: 63 Resp: 30787

Ion Ratio Lower Upper

63 100

65 29.2 24.3 36.5



#46

Dibromomethane

Concen: 21.053 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

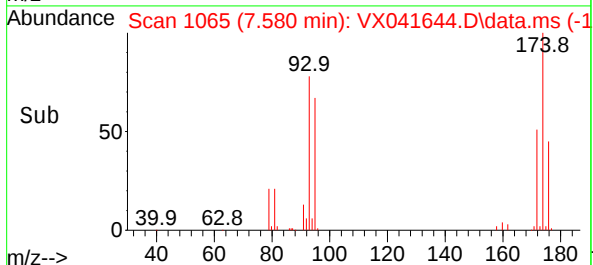
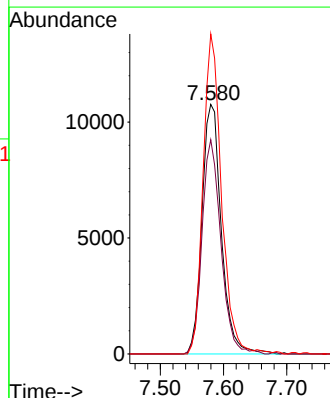
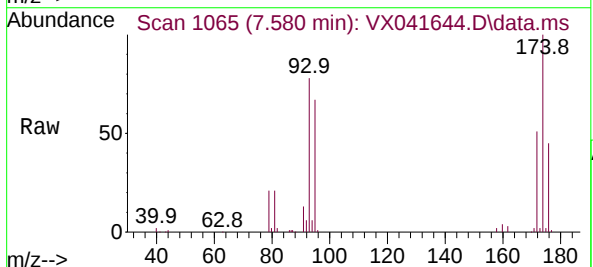
Tgt Ion: 93 Resp: 22912

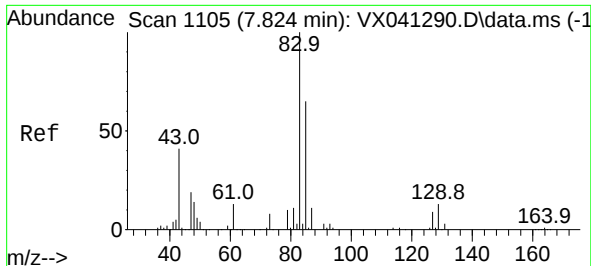
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

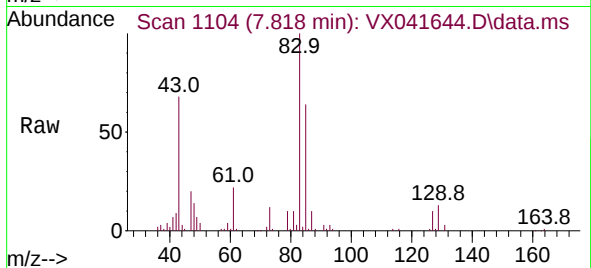
174 122.3 69.4 104.0#



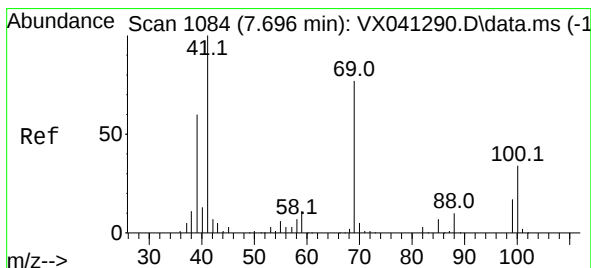
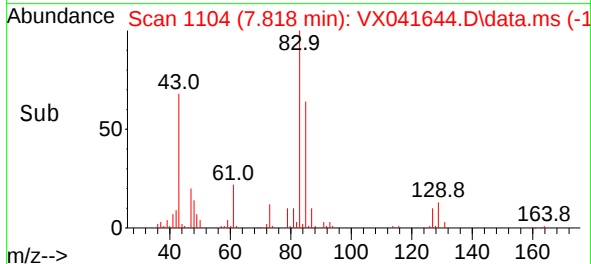
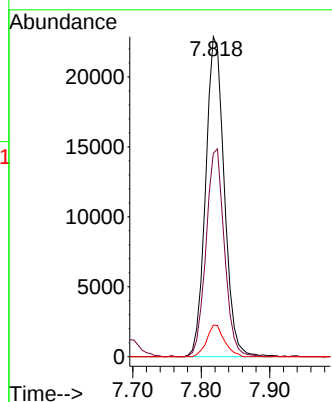


#47  
Bromodichloromethane  
Concen: 22.315 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Instrument :  
MSVOA\_X  
ClientSampleId :

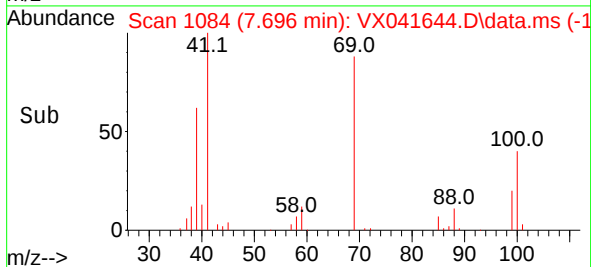
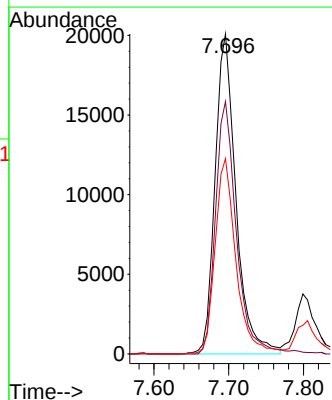
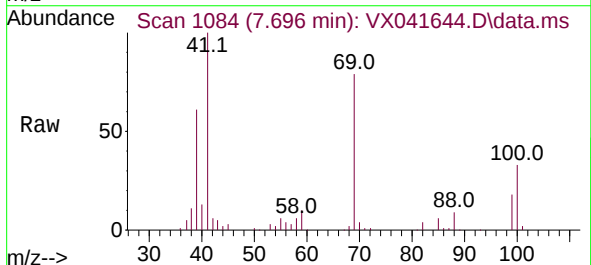


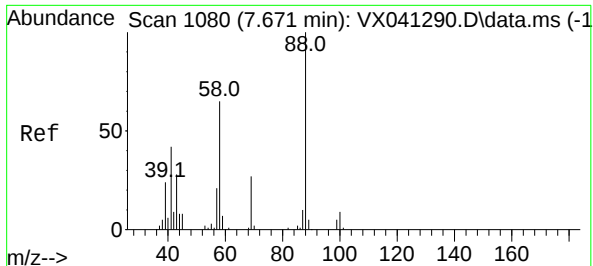
Tgt Ion: 83 Resp: 43276  
Ion Ratio Lower Upper  
83 100  
85 63.6 49.8 74.6  
127 9.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 22.843 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 41 Resp: 38991  
Ion Ratio Lower Upper  
41 100  
69 79.5 59.2 88.8  
39 61.1 47.7 71.5





#49

1,4-Dioxane

Concen: 468.939 ug/l

RT: 7.665 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

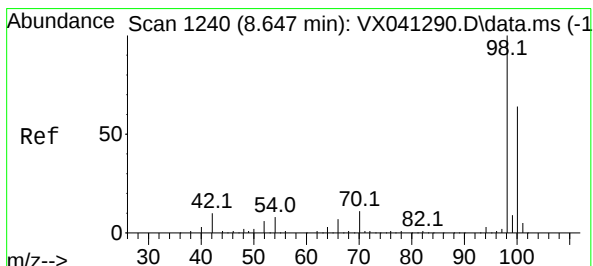
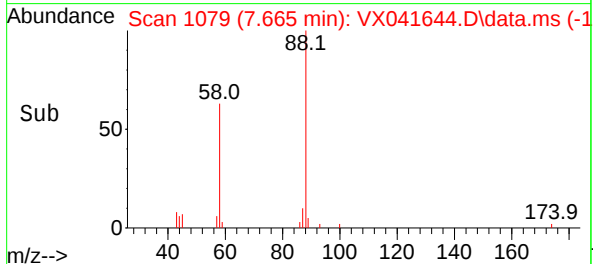
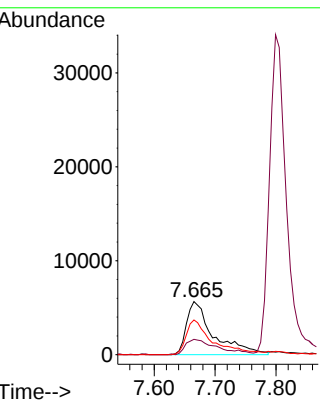
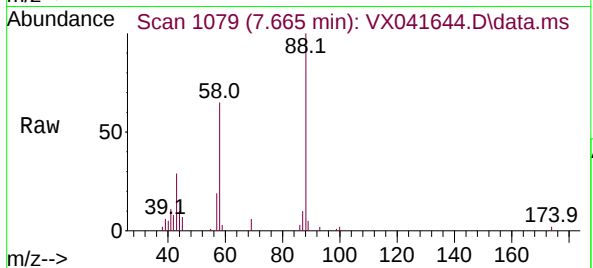
Tgt Ion: 88 Resp: 17306

Ion Ratio Lower Upper

88 100

43 34.6 0.0 0.0#

58 64.6 60.1 90.1



#50

Toluene-d8

Concen: 52.743 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041644.D

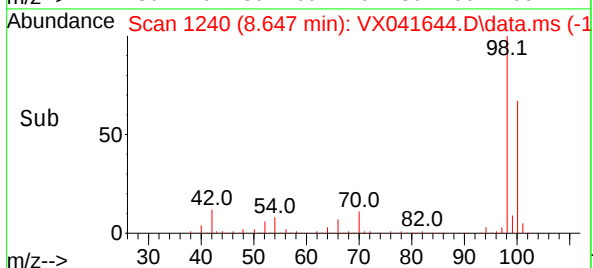
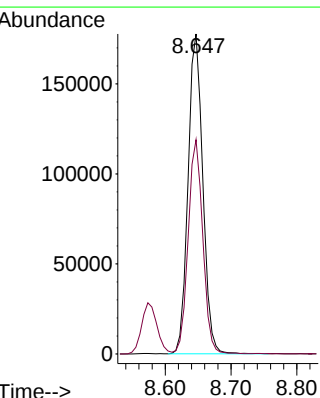
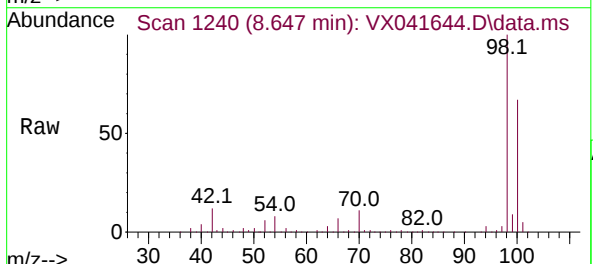
Acq: 24 May 2024 10:59

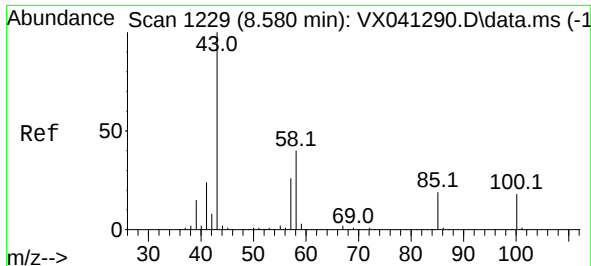
Tgt Ion: 98 Resp: 277097

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7

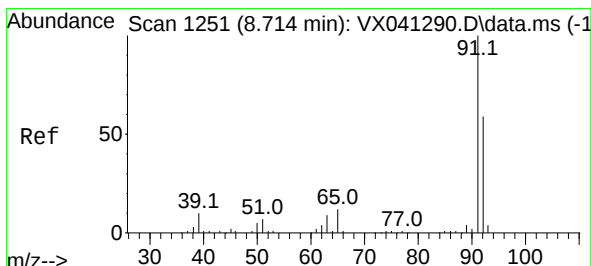
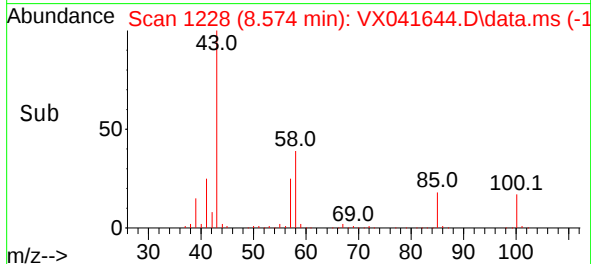
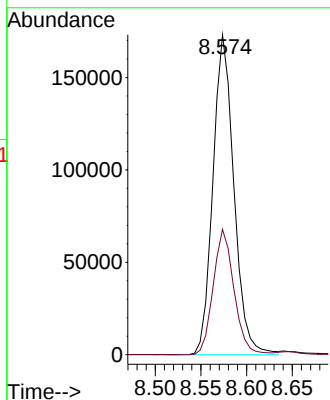
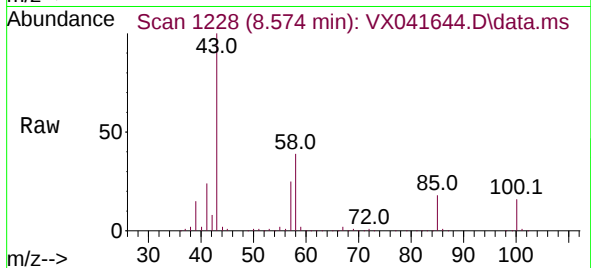




#51  
4-Methyl-2-Pentanone  
Concen: 123.661 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

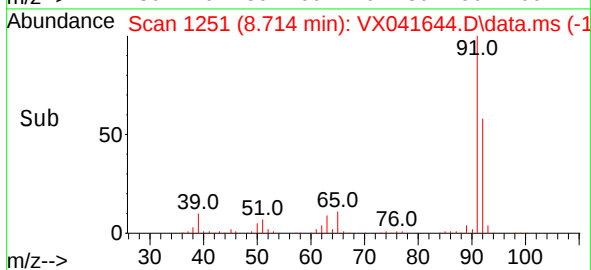
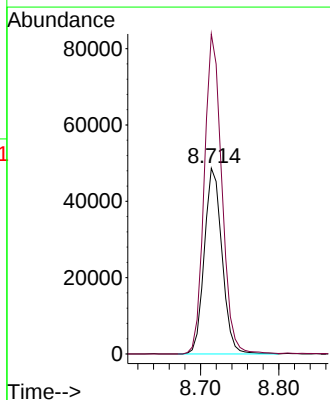
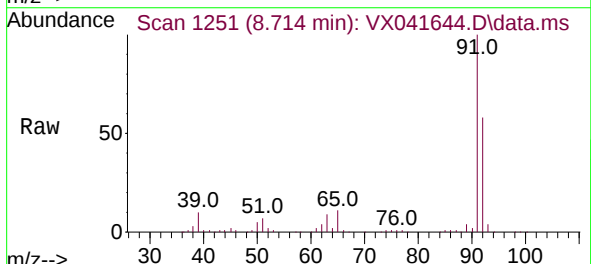
Instrument :  
MSVOA\_X  
ClientSampleId :

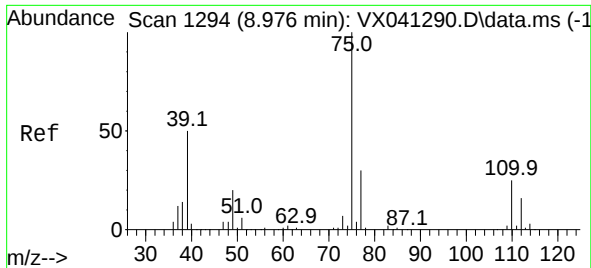
Tgt Ion: 43 Resp: 276302  
Ion Ratio Lower Upper  
43 100  
58 38.8 30.4 45.6



#52  
Toluene  
Concen: 20.374 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 92 Resp: 76258  
Ion Ratio Lower Upper  
92 100  
91 170.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.617 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

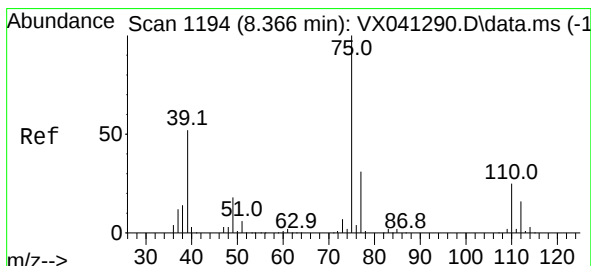
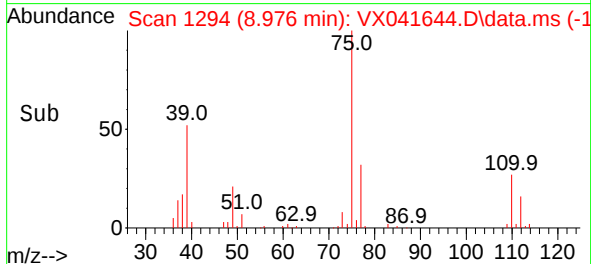
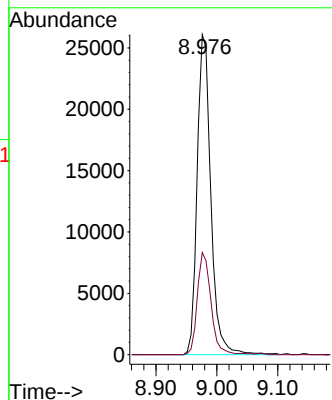
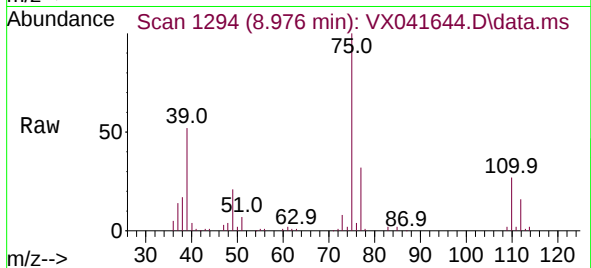
ClientSampleId :

Tgt Ion: 75 Resp: 40709

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 21.061 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

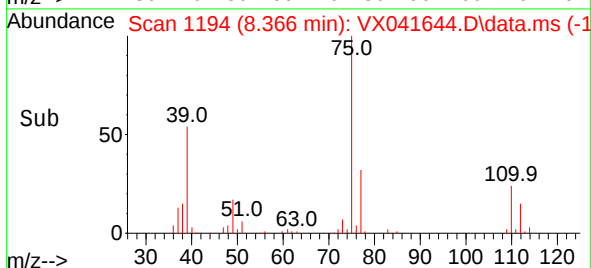
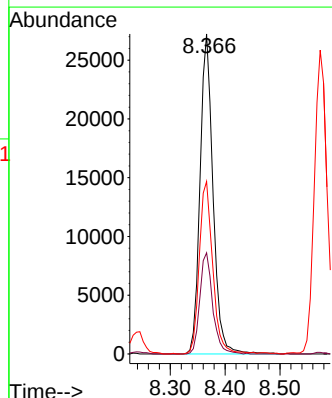
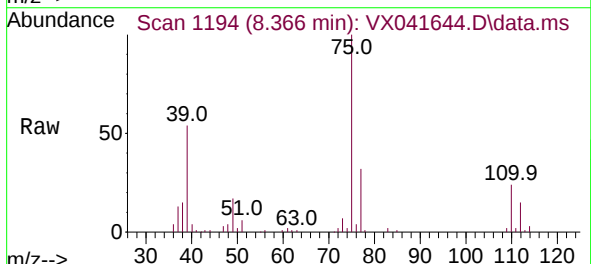
Tgt Ion: 75 Resp: 44904

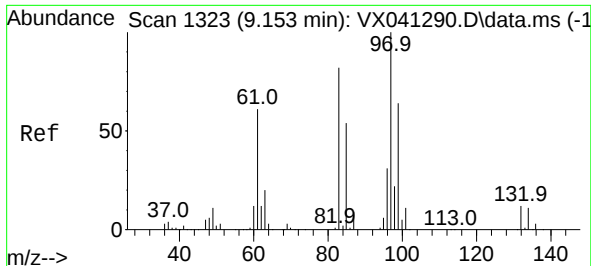
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 53.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 23.348 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 33655

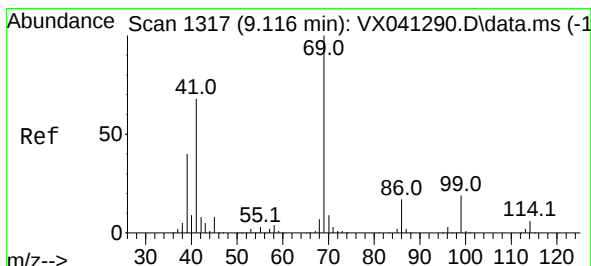
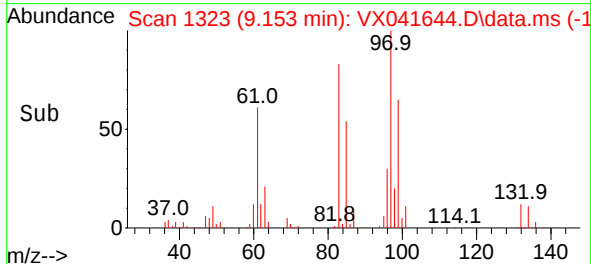
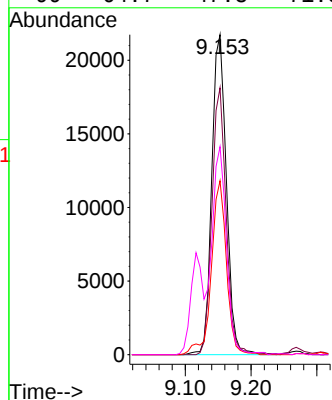
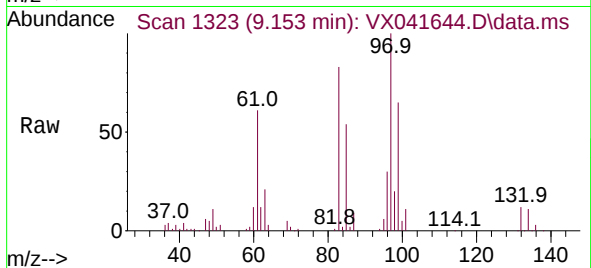
Ion Ratio Lower Upper

97 100

83 83.4 65.8 98.8

85 54.3 41.6 62.4

99 64.7 47.8 71.8



#56

Ethyl methacrylate

Concen: 23.261 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

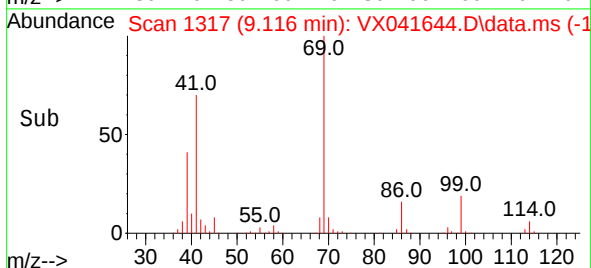
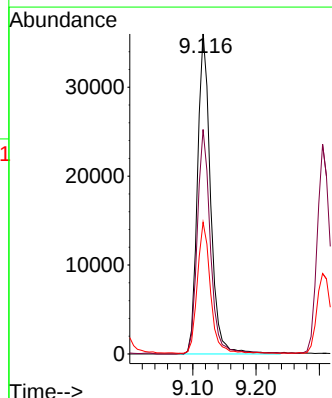
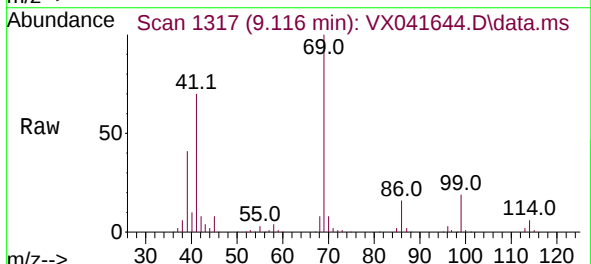
Tgt Ion: 69 Resp: 51892

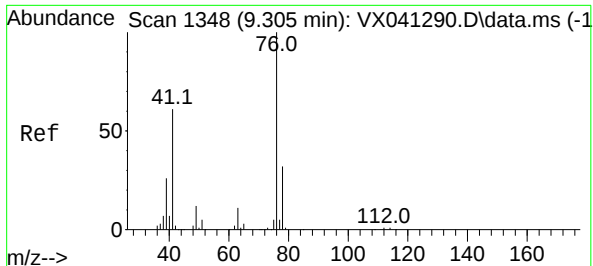
Ion Ratio Lower Upper

69 100

41 70.1 56.8 85.2

39 41.2 32.0 48.0

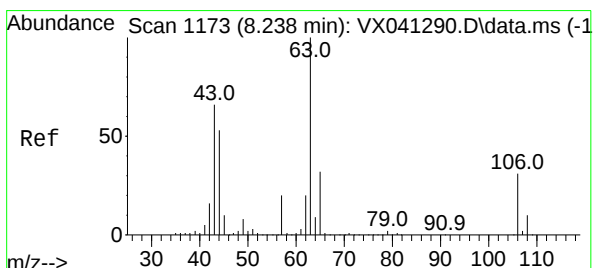
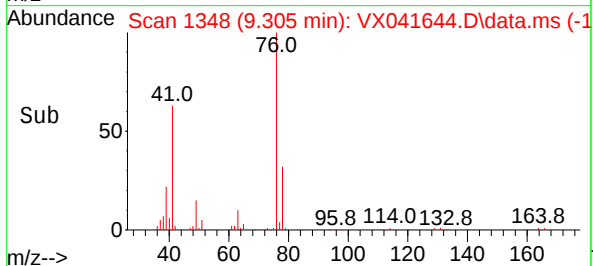
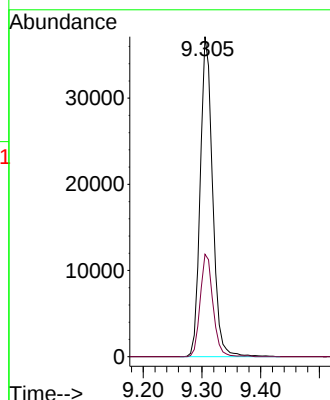
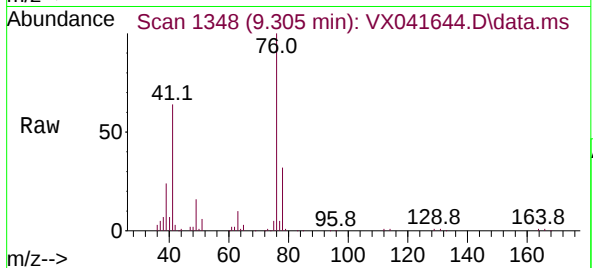




#57  
1,3-Dichloropropane  
Concen: 22.517 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

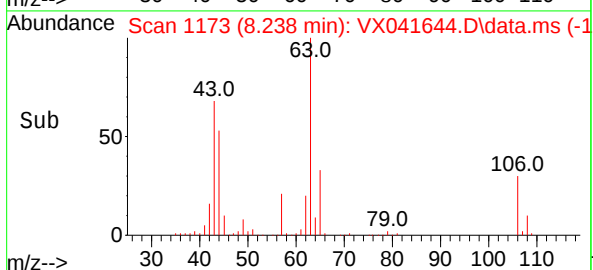
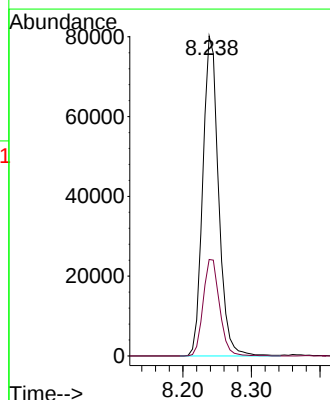
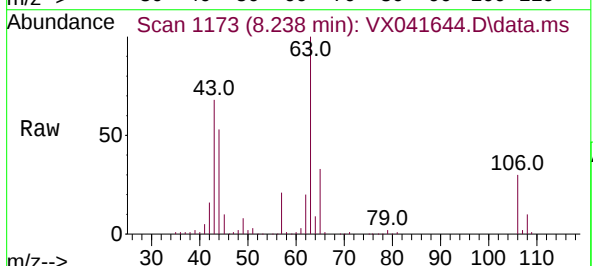
Instrument :  
MSVOA\_X  
ClientSampleId :

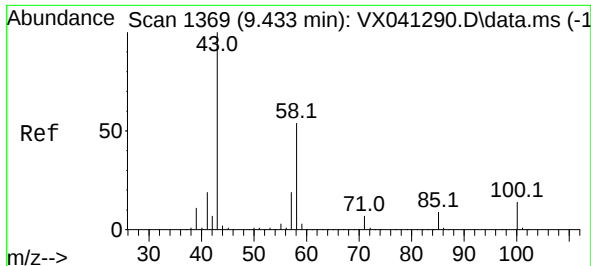
Tgt Ion: 76 Resp: 54168  
Ion Ratio Lower Upper  
76 100  
78 33.1 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 118.886 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 63 Resp: 128597  
Ion Ratio Lower Upper  
63 100  
106 31.4 22.5 33.7

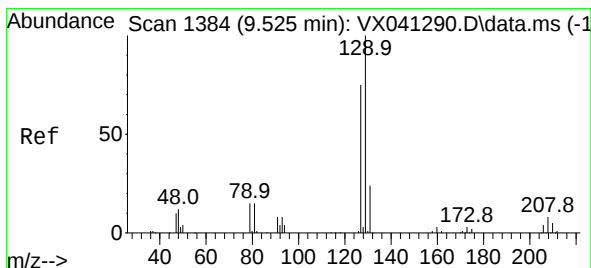
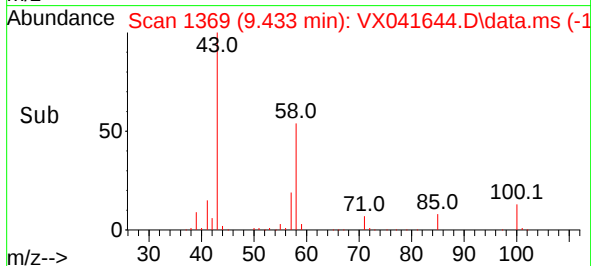
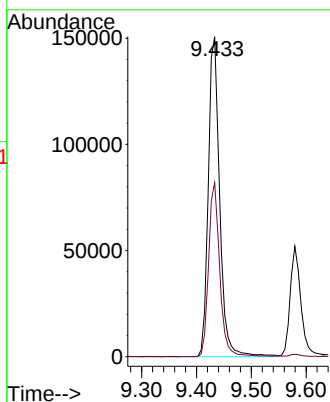
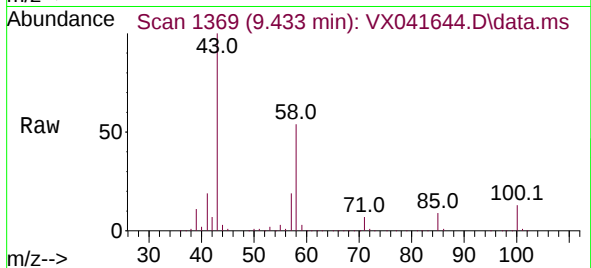




#59  
2-Hexanone  
Concen: 121.180 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

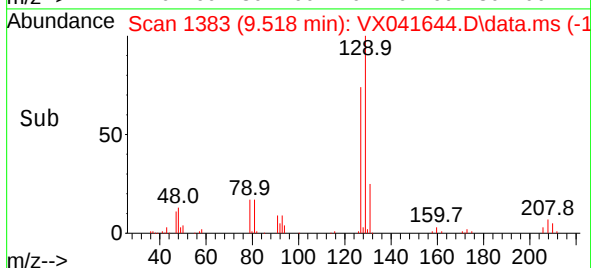
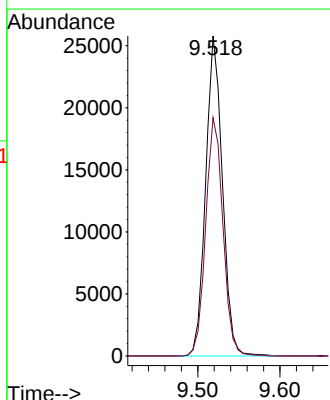
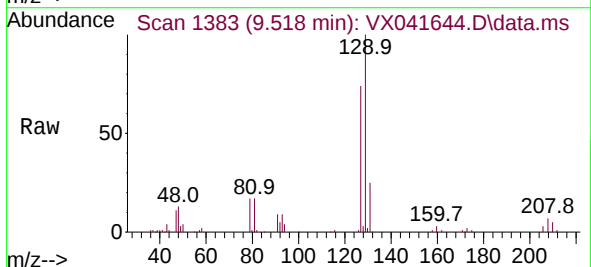
Instrument :  
MSVOA\_X  
ClientSampleId :

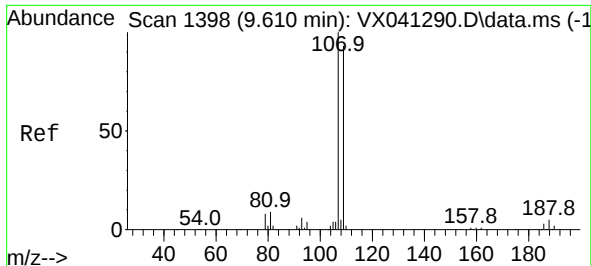
Tgt Ion: 43 Resp: 216509  
Ion Ratio Lower Upper  
43 100  
58 53.4 26.2 78.5



#60  
Dibromochloromethane  
Concen: 21.462 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.007 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 129 Resp: 36419  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 21.708 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

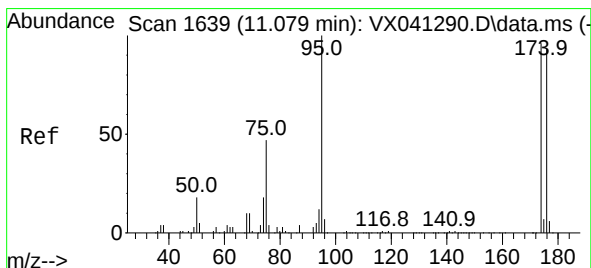
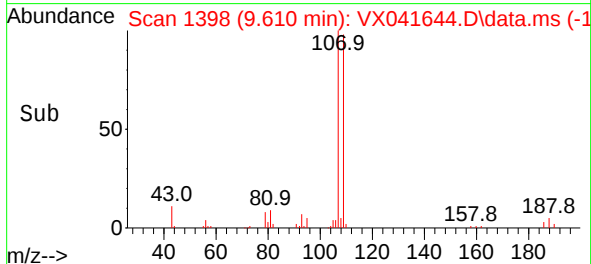
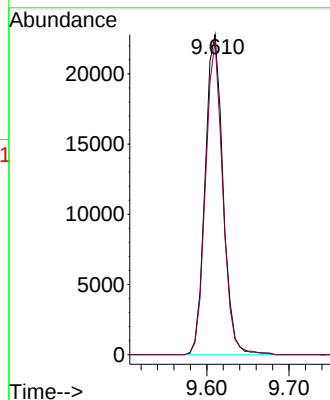
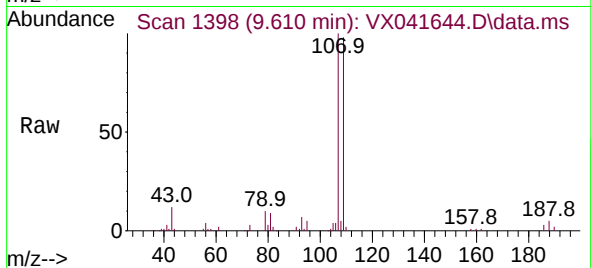
ClientSampleId :

Tgt Ion:107 Resp: 34424

Ion Ratio Lower Upper

107 100

109 94.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 52.791 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

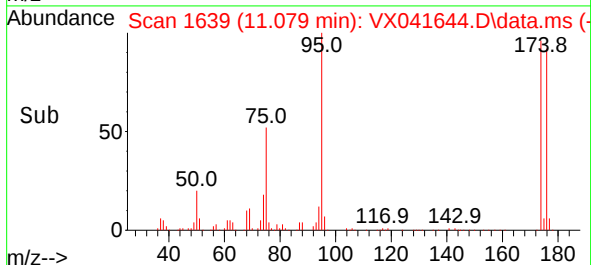
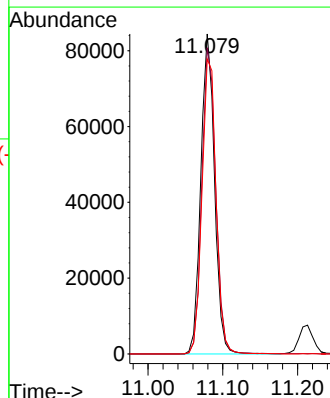
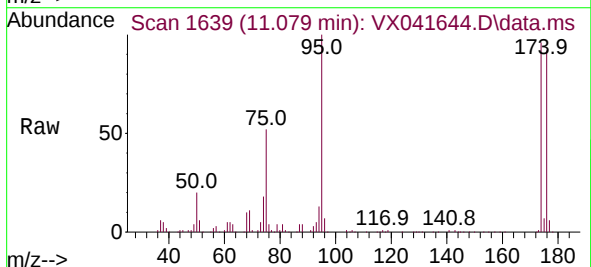
Tgt Ion: 95 Resp: 107363

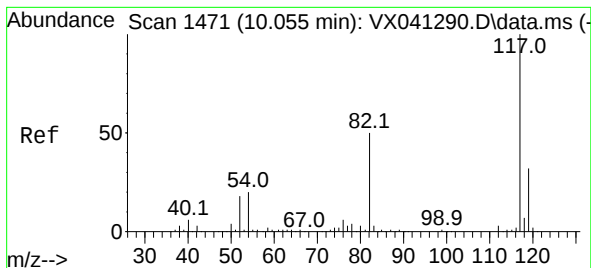
Ion Ratio Lower Upper

95 100

174 97.0 0.0 135.6

176 95.1 0.0 131.0

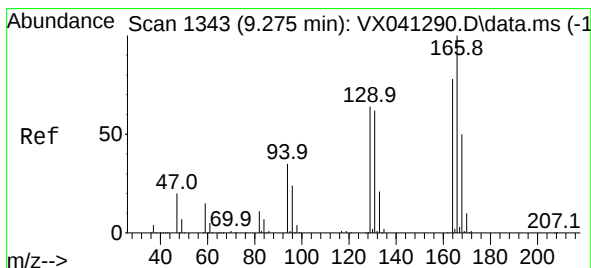
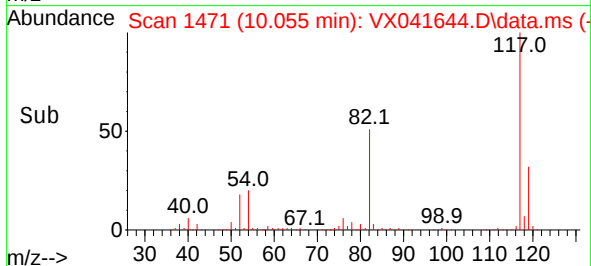
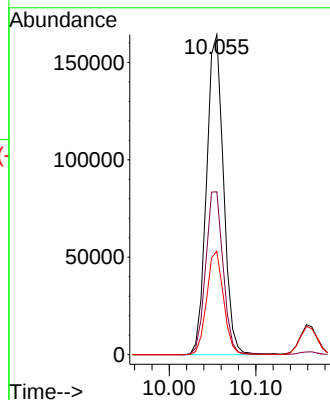
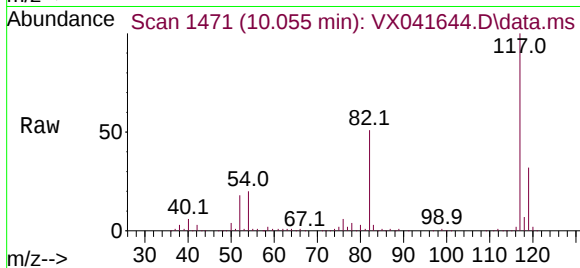




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

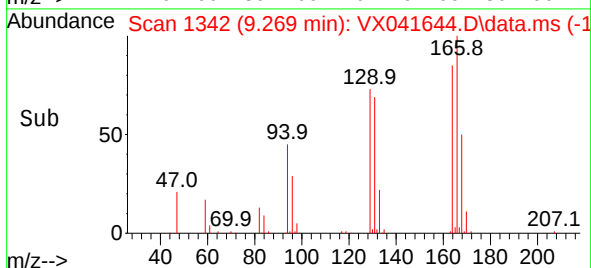
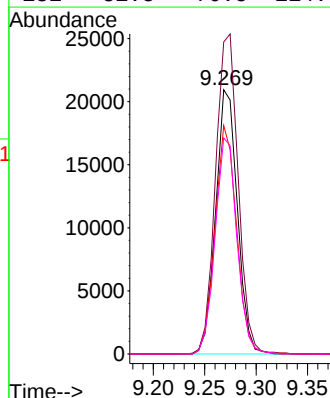
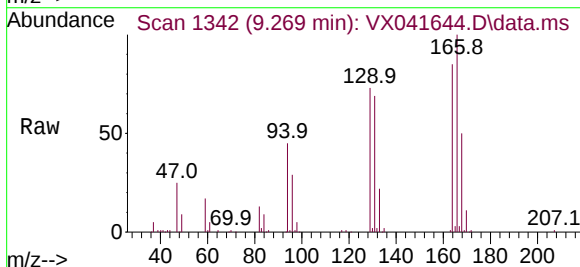
Instrument :  
MSVOA\_X  
ClientSampleId :

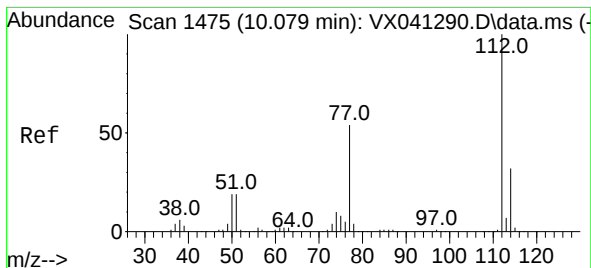
Tgt Ion:117 Resp: 224002  
Ion Ratio Lower Upper  
117 100  
82 50.9 46.2 69.4  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 18.916 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion:164 Resp: 30684  
Ion Ratio Lower Upper  
164 100  
166 118.2 102.7 154.1  
129 86.5 80.4 120.6  
131 81.8 76.5 114.7





#65

Chlorobenzene

Concen: 20.328 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

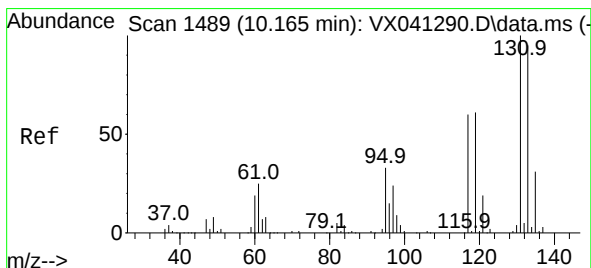
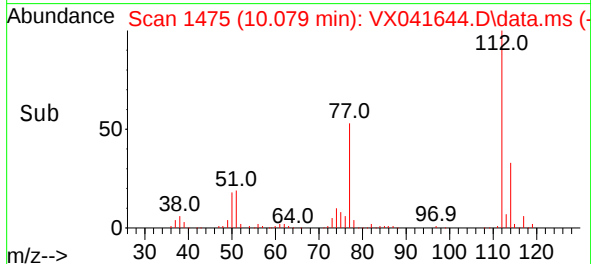
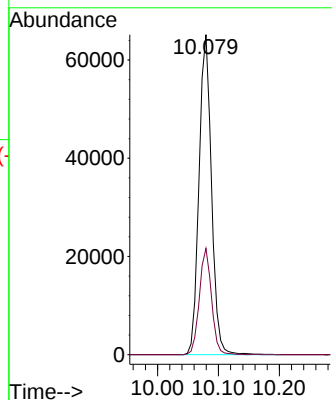
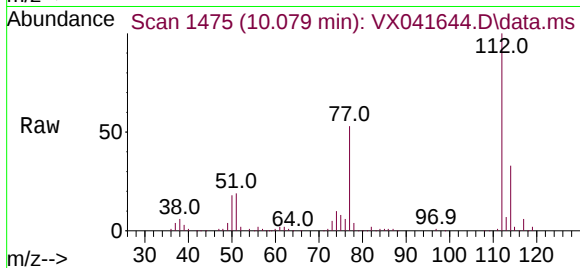
ClientSampleId :

Tgt Ion:112 Resp: 92440

Ion Ratio Lower Upper

112 100

114 33.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.887 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

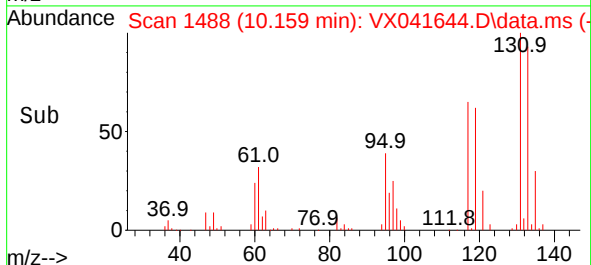
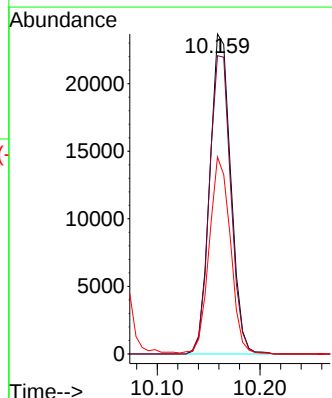
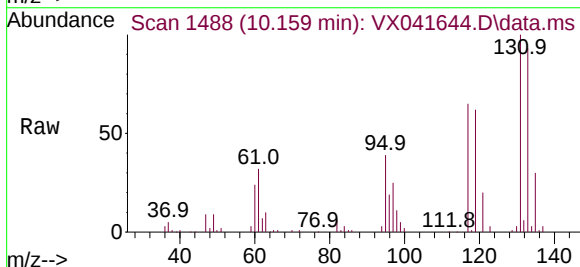
Tgt Ion:131 Resp: 33560

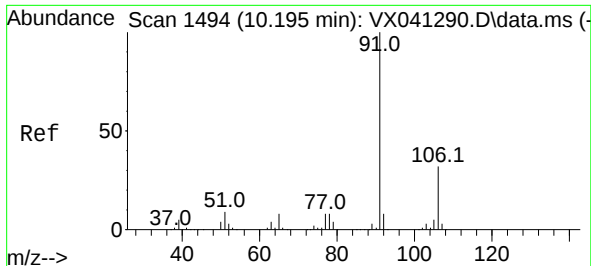
Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.4

119 62.0 32.2 96.6





#67

Ethyl Benzene

Concen: 19.706 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

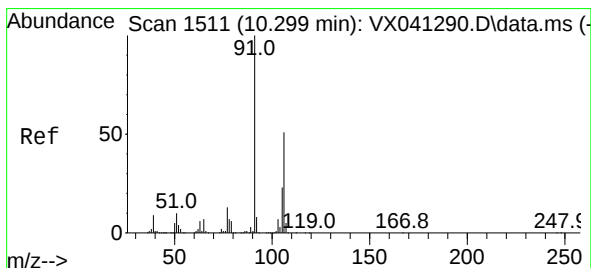
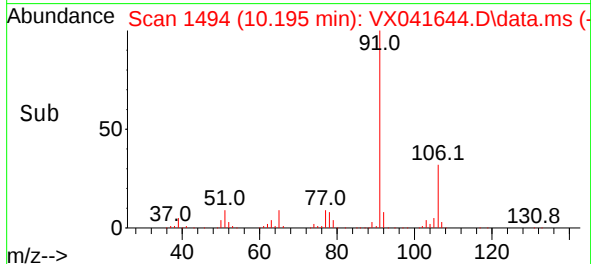
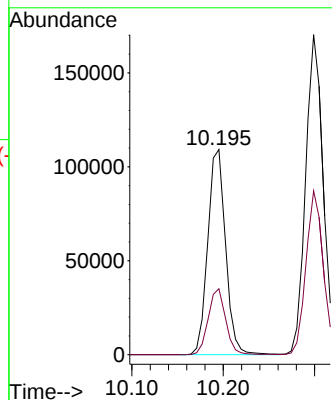
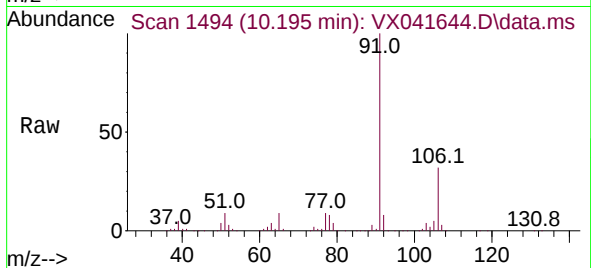
ClientSampleId :

Tgt Ion: 91 Resp: 147845

Ion Ratio Lower Upper

91 100

106 32.2 24.9 37.3



#68

m/p-Xylenes

Concen: 38.961 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX041644.D

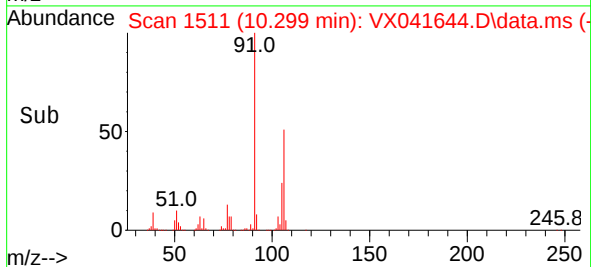
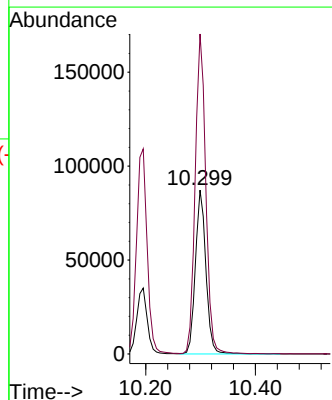
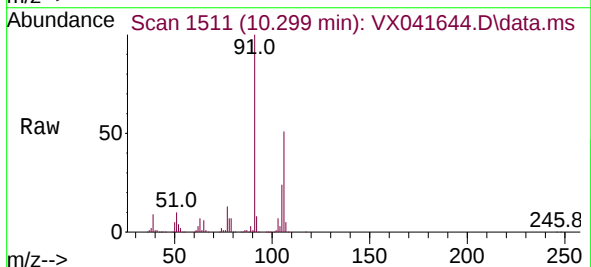
Acq: 24 May 2024 10:59

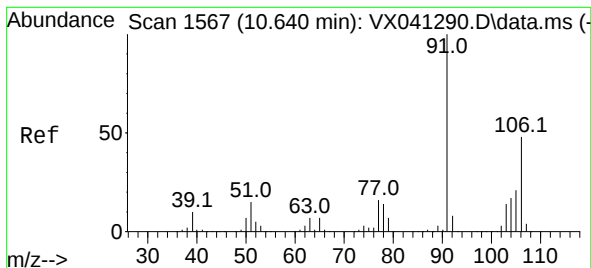
Tgt Ion:106 Resp: 117053

Ion Ratio Lower Upper

106 100

91 196.1 165.5 248.3





#69

o-Xylene

Concen: 20.415 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

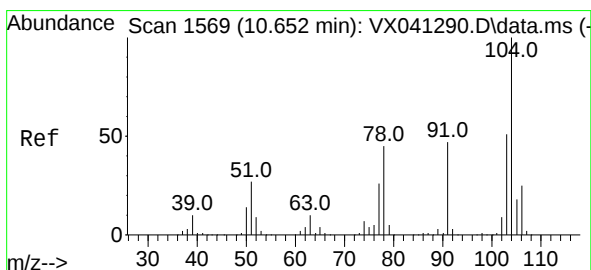
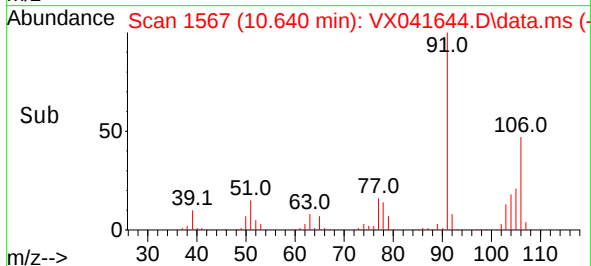
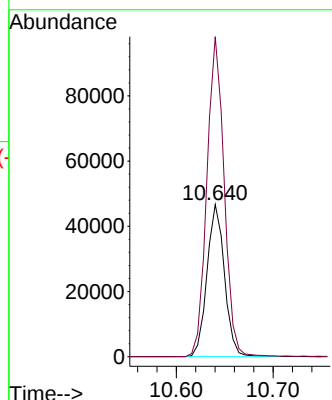
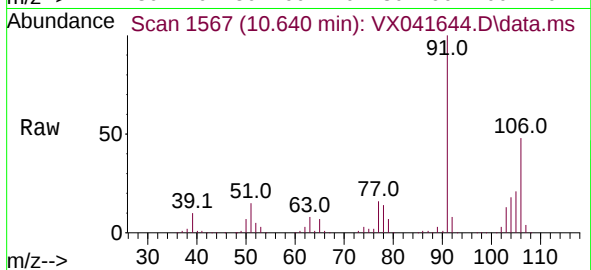
ClientSampleId :

Tgt Ion:106 Resp: 58728

Ion Ratio Lower Upper

106 100

91 208.5 108.9 326.8



#70

Styrene

Concen: 21.045 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

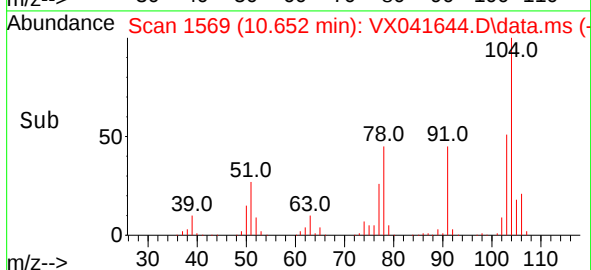
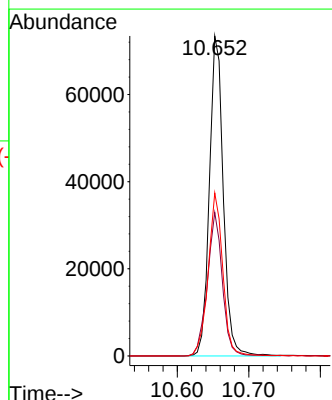
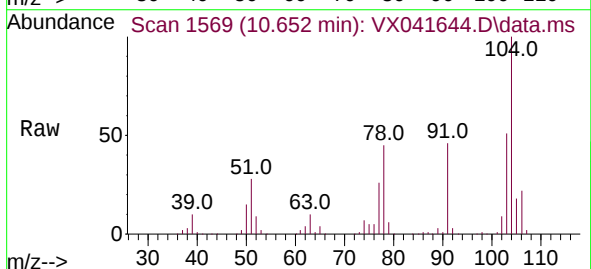
Tgt Ion:104 Resp: 99339

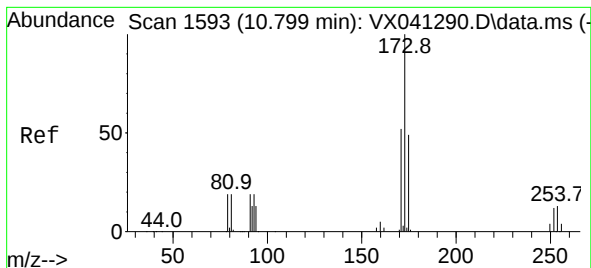
Ion Ratio Lower Upper

104 100

78 48.5 43.6 65.4

103 53.6 43.6 65.4





#71

Bromoform

Concen: 20.306 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

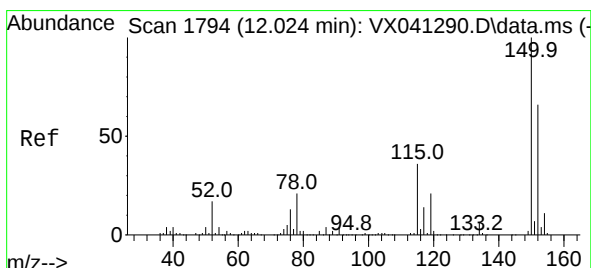
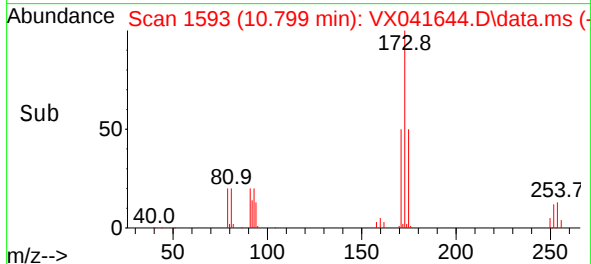
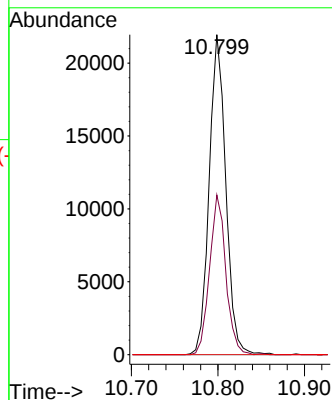
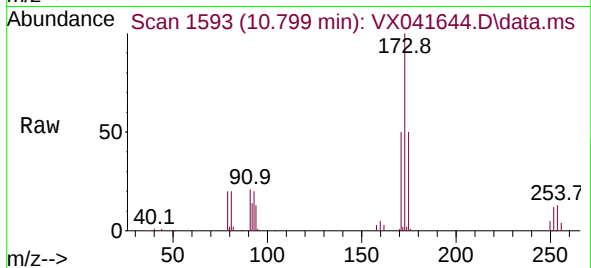
Tgt Ion:173 Resp: 29199

Ion Ratio Lower Upper

173 100

175 49.0 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. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

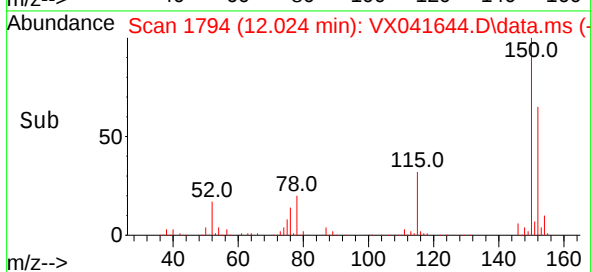
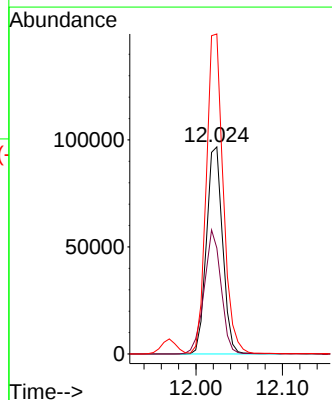
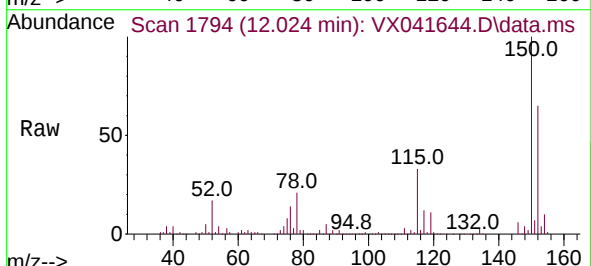
Tgt Ion:152 Resp: 125512

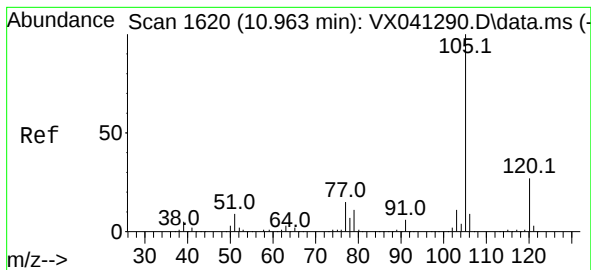
Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 161.4 0.0 345.0





#73

Isopropylbenzene

Concen: 19.988 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

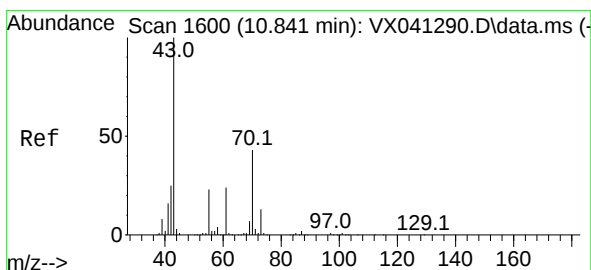
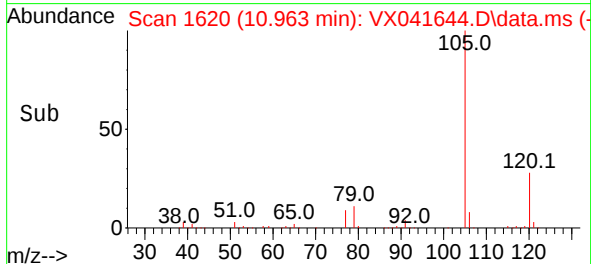
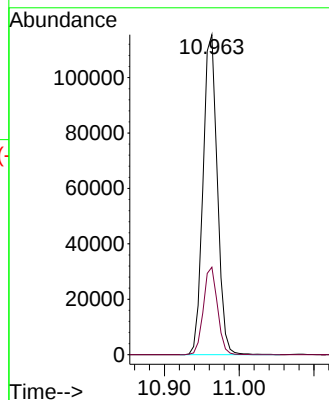
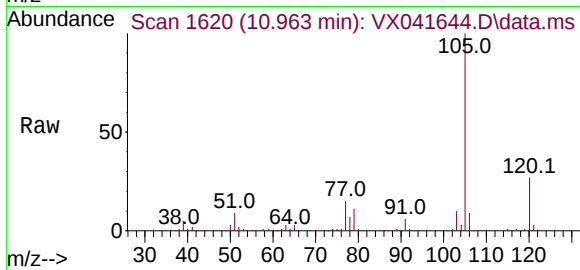
ClientSampleId :

Tgt Ion:105 Resp: 153135

Ion Ratio Lower Upper

105 100

120 27.0 12.9 38.6



#74

N-ethyl acetate

Concen: 20.717 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Tgt Ion: 43 Resp: 69346

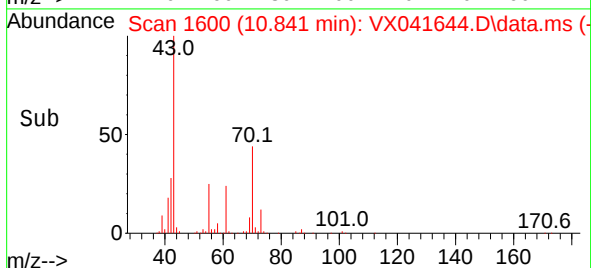
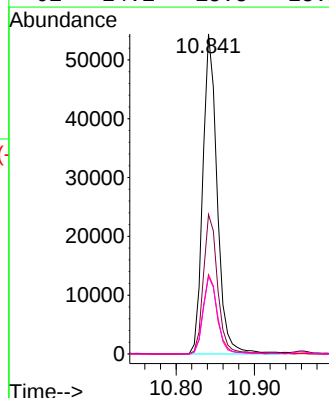
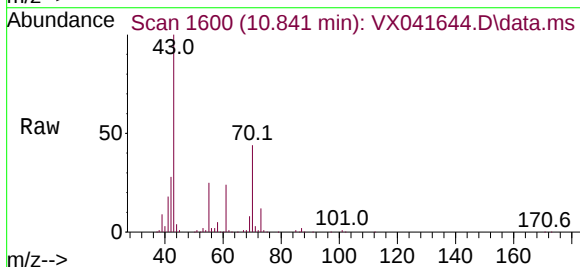
Ion Ratio Lower Upper

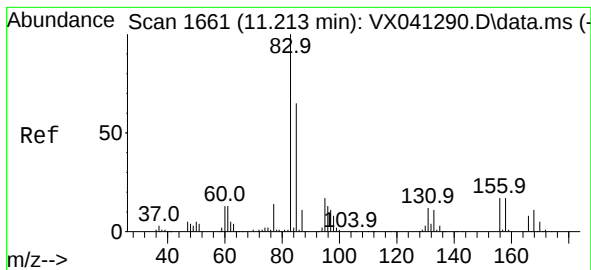
43 100

70 43.4 32.9 49.3

55 24.8 19.3 28.9

61 24.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.484 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

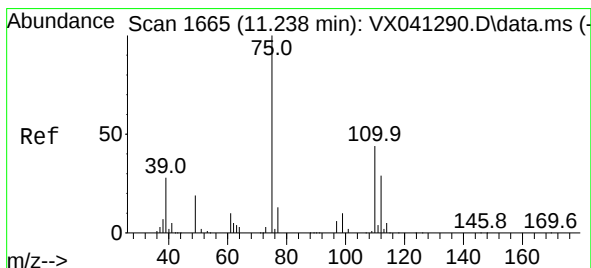
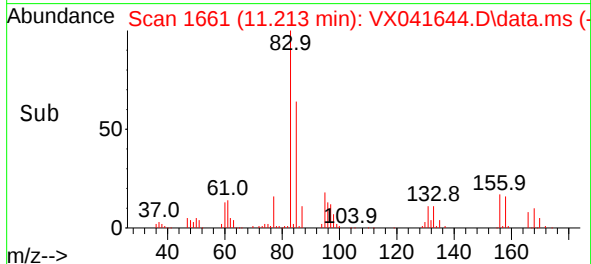
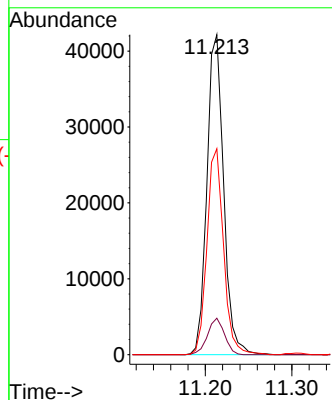
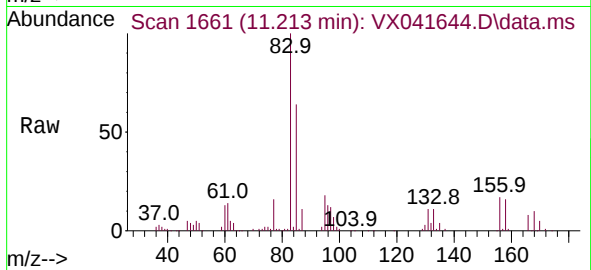
Tgt Ion: 83 Resp: 56447

Ion Ratio Lower Upper

83 100

131 11.6 5.3 15.8

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 29.364 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX041644.D

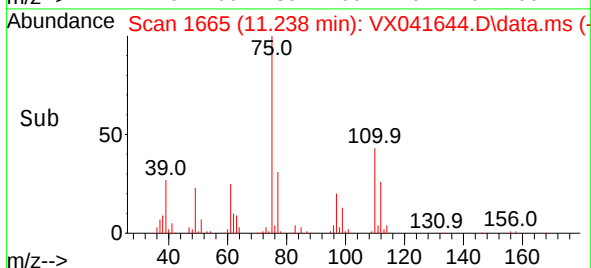
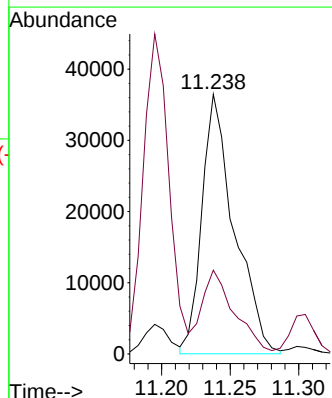
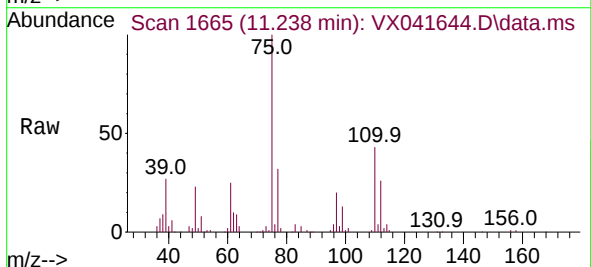
Acq: 24 May 2024 10:59

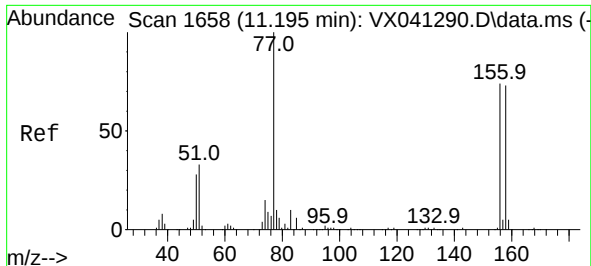
Tgt Ion: 75 Resp: 60063

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5

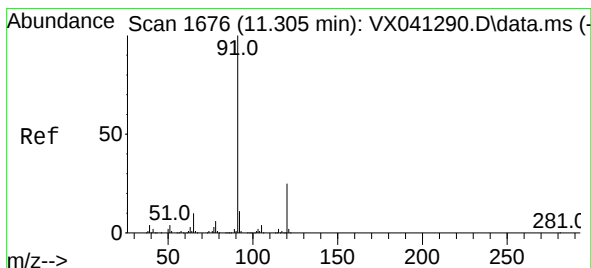
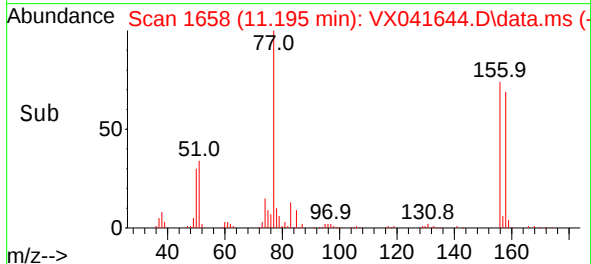
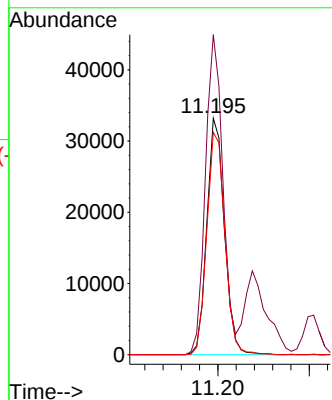
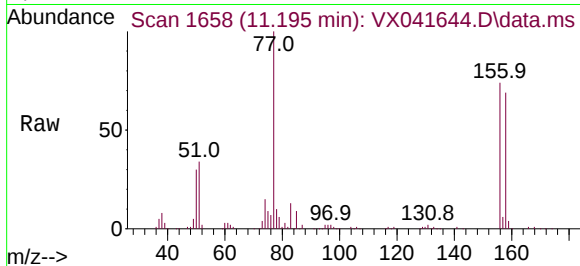




#77  
Bromobenzene  
Concen: 20.483 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

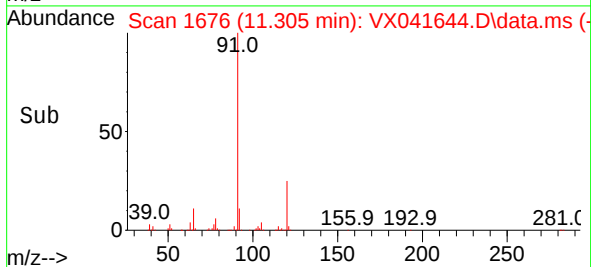
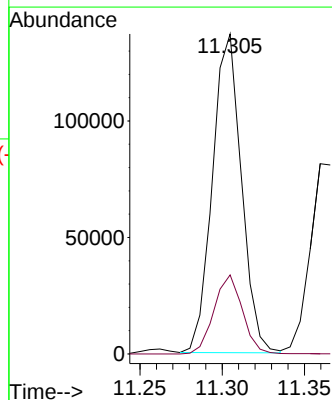
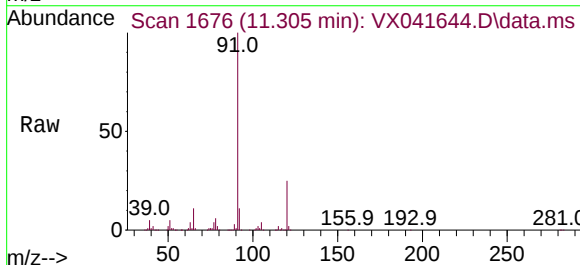
Instrument :  
MSVOA\_X  
ClientSampleId :

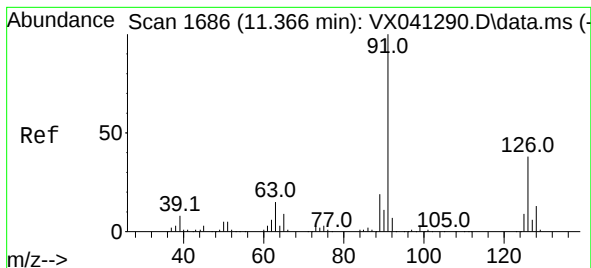
Tgt Ion:156 Resp: 44291  
Ion Ratio Lower Upper  
156 100  
77 133.9 88.4 265.3  
158 96.5 48.0 144.0



#78  
n-propylbenzene  
Concen: 20.818 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 91 Resp: 167515  
Ion Ratio Lower Upper  
91 100  
120 24.5 11.5 34.4

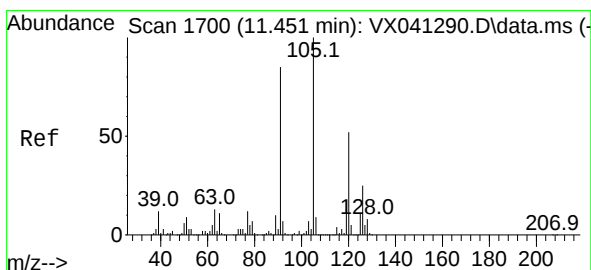
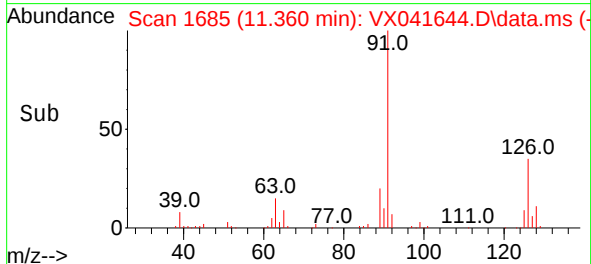
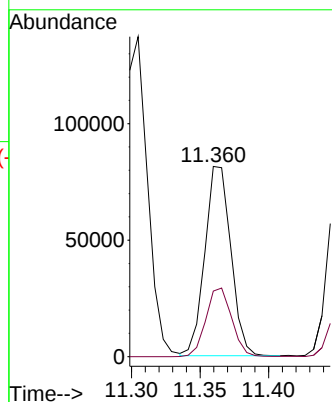
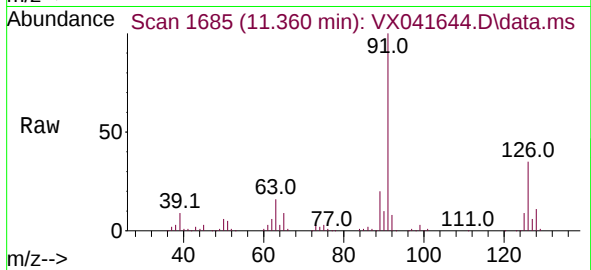




#79  
2-Chlorotoluene  
Concen: 20.726 ug/l  
RT: 11.360 min Scan# 1686  
Delta R.T. -0.006 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

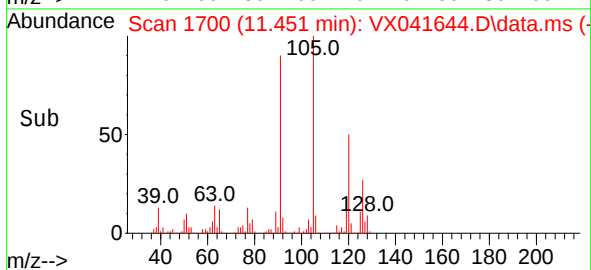
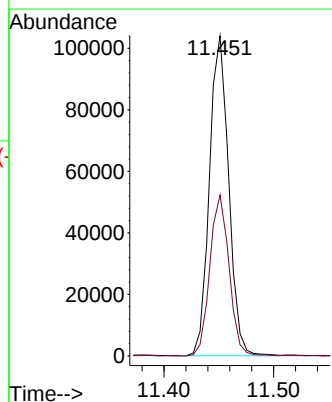
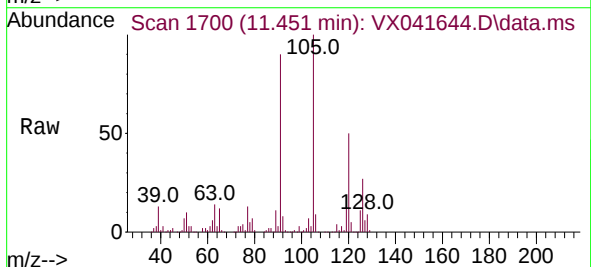
Instrument :  
MSVOA\_X  
ClientSampleId :

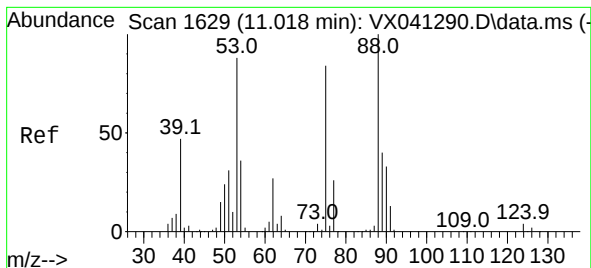
Tgt Ion: 91 Resp: 107475  
Ion Ratio Lower Upper  
91 100  
126 36.1 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 20.312 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion:105 Resp: 126860  
Ion Ratio Lower Upper  
105 100  
120 50.6 24.1 72.3

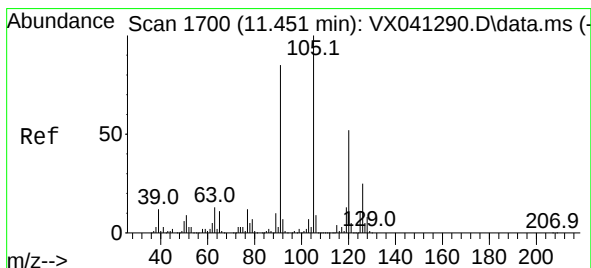
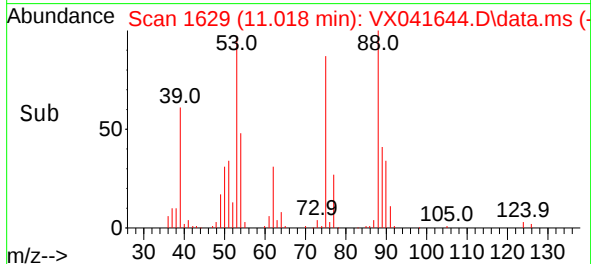
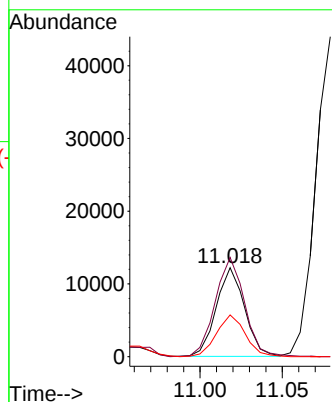
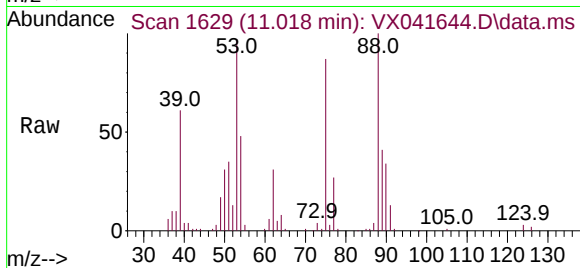




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.356 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

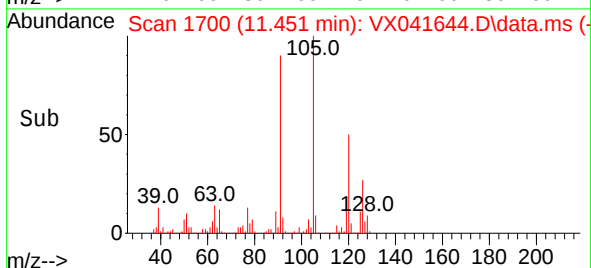
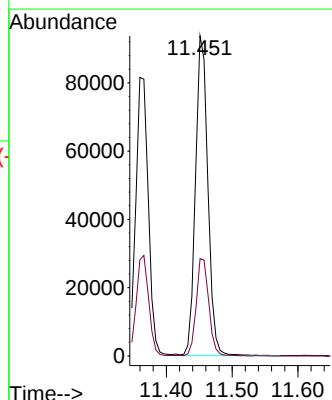
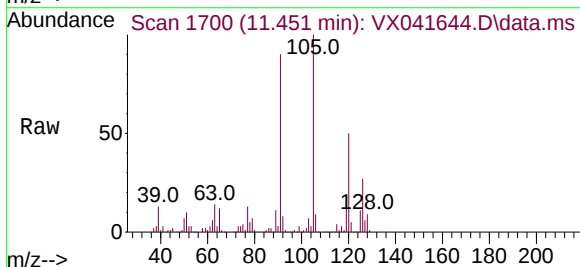
Instrument :  
MSVOA\_X  
ClientSampleId :

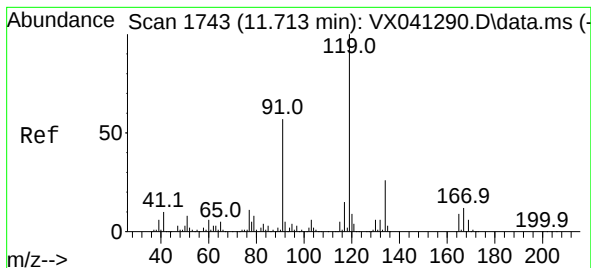
Tgt Ion: 75 Resp: 14535  
Ion Ratio Lower Upper  
75 100  
53 117.1 90.5 135.7  
89 48.3 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 20.755 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

Tgt Ion: 91 Resp: 122181  
Ion Ratio Lower Upper  
91 100  
126 31.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.948 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

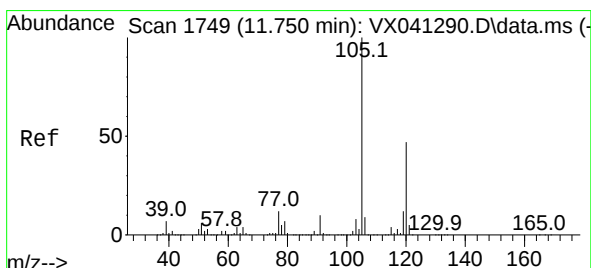
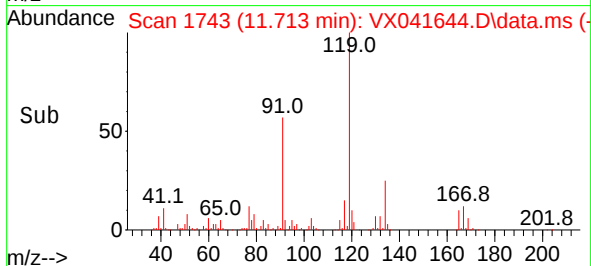
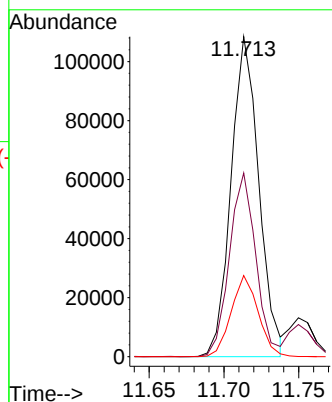
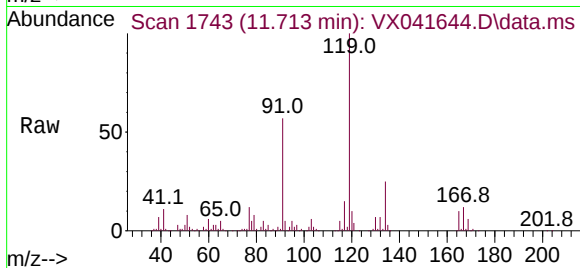
Tgt Ion:119 Resp: 140105

Ion Ratio Lower Upper

119 100

91 54.8 31.2 93.6

134 24.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 20.678 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041644.D

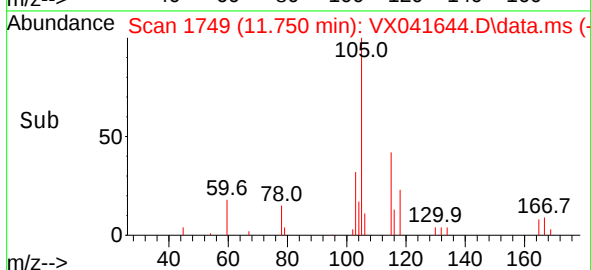
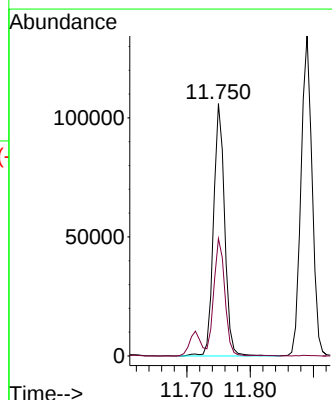
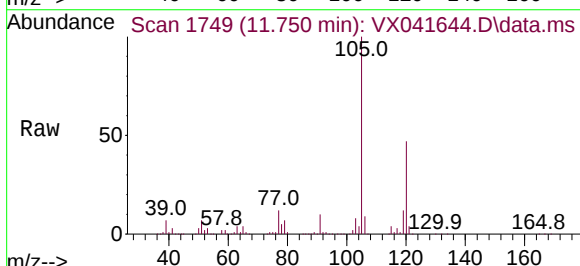
Acq: 24 May 2024 10:59

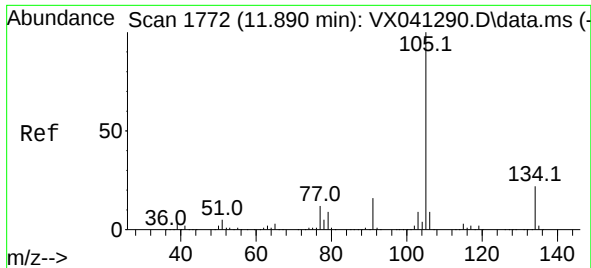
Tgt Ion:105 Resp: 129945

Ion Ratio Lower Upper

105 100

120 45.3 21.2 63.6

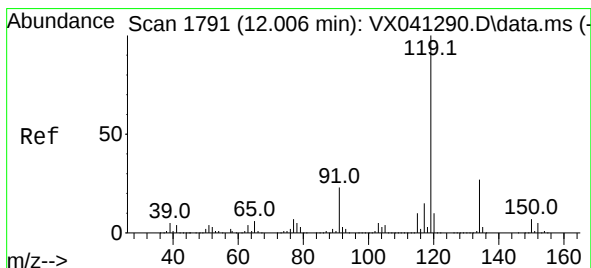
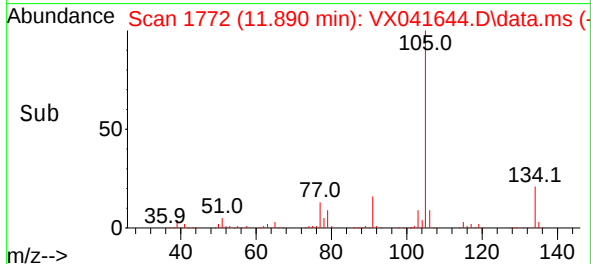
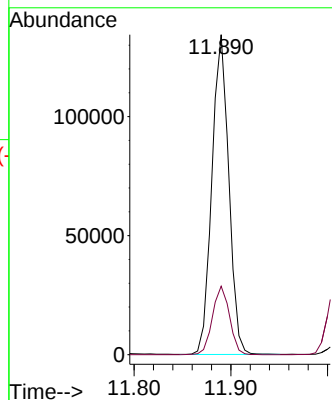
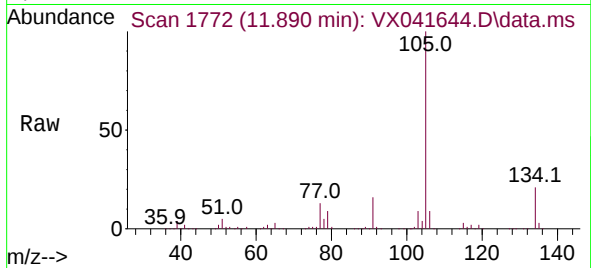




#85  
 sec-Butylbenzene  
 Concen: 21.234 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX041644.D  
 Acq: 24 May 2024 10:59

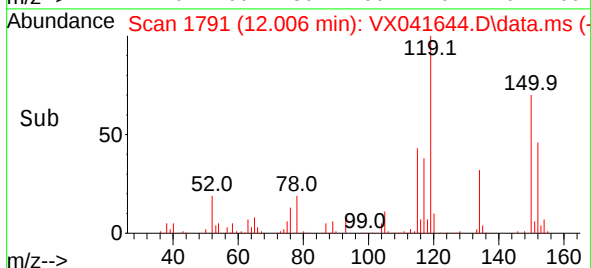
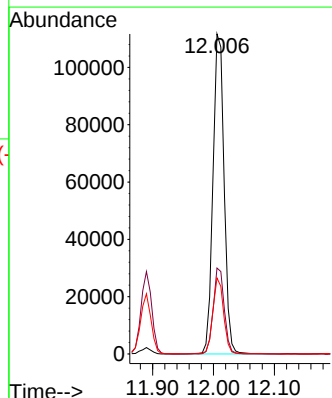
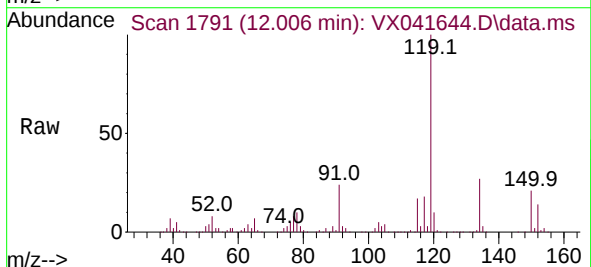
Instrument :  
 MSVOA\_X  
 ClientSampleId :

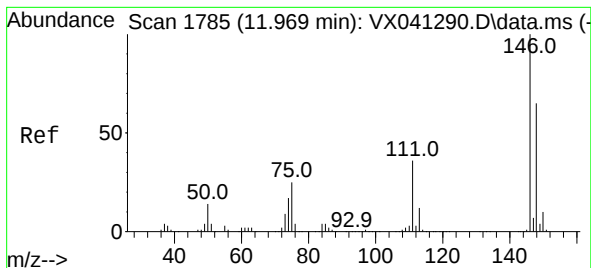
Tgt Ion:105 Resp: 162747  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 20.576 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX041644.D  
 Acq: 24 May 2024 10:59

Tgt Ion:119 Resp: 141637  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 12.8 38.3  
 91 23.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.398 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

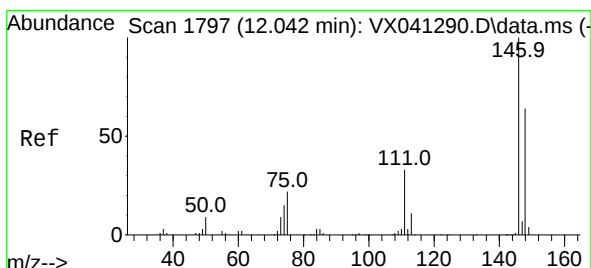
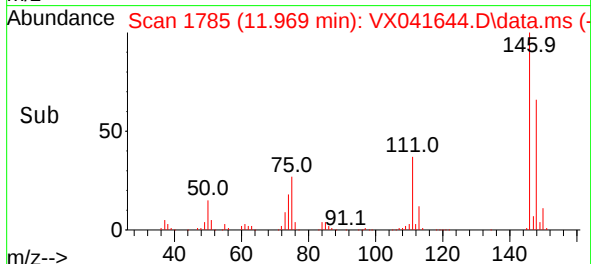
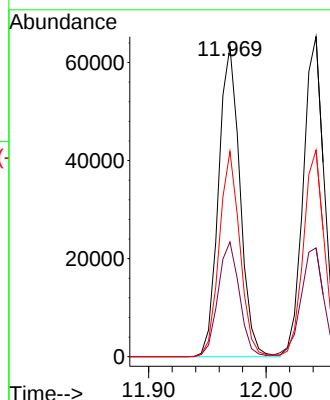
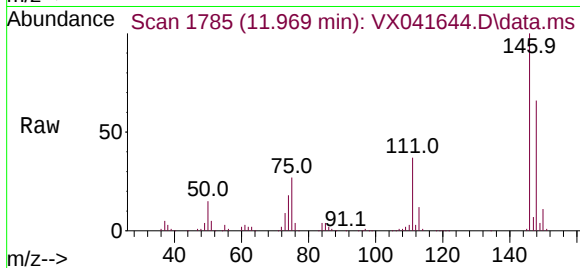
Tgt Ion:146 Resp: 80174

Ion Ratio Lower Upper

146 100

111 36.9 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.080 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

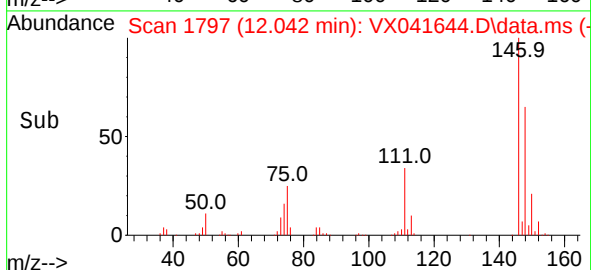
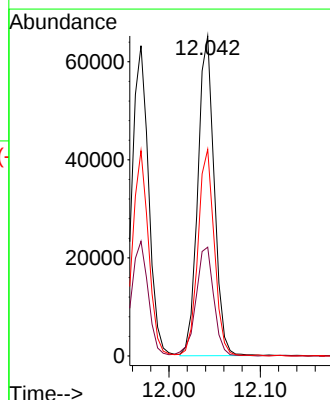
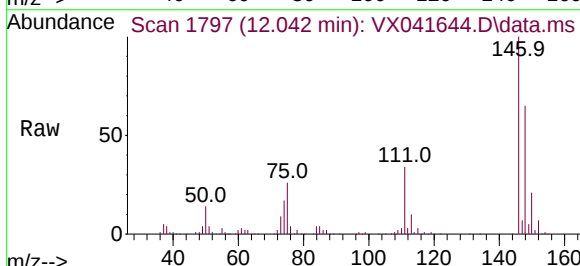
Tgt Ion:146 Resp: 81313

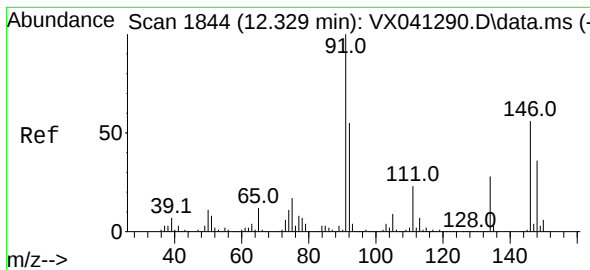
Ion Ratio Lower Upper

146 100

111 37.2 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 19.983 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

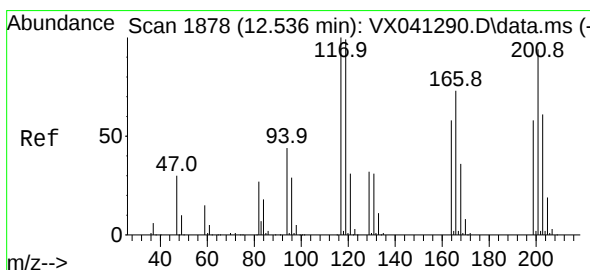
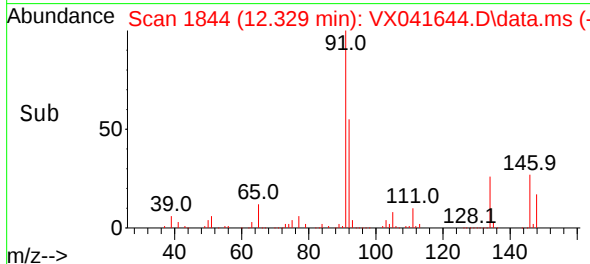
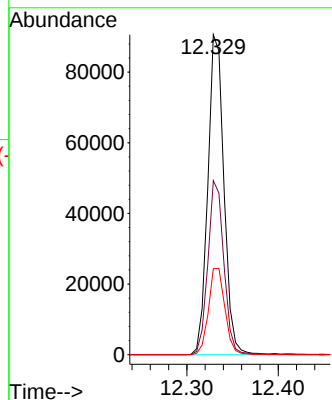
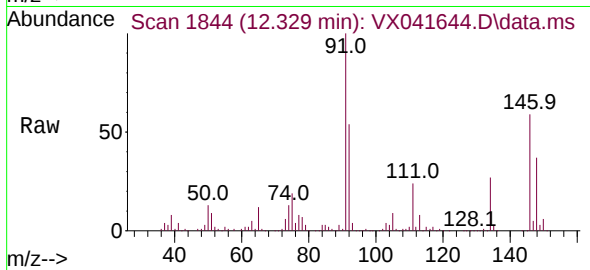
Tgt Ion: 91 Resp: 110608

Ion Ratio Lower Upper

91 100

92 53.8 27.4 82.0

134 27.6 12.6 37.8



#90

Hexachloroethane

Concen: 20.288 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX041644.D

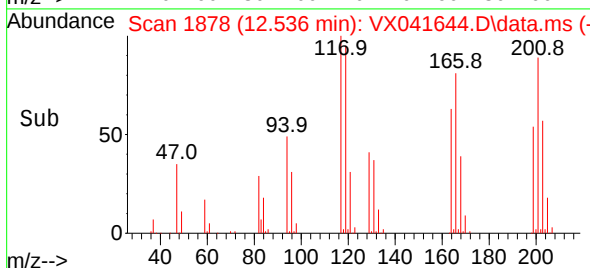
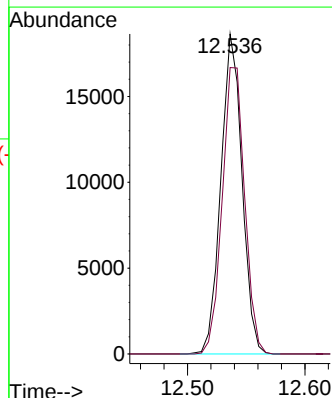
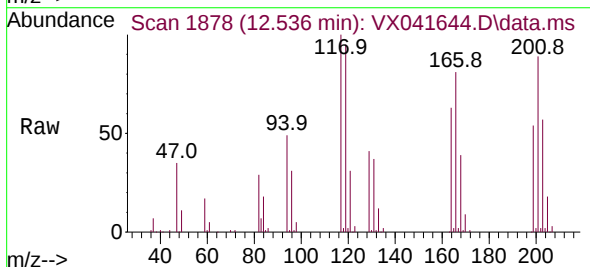
Acq: 24 May 2024 10:59

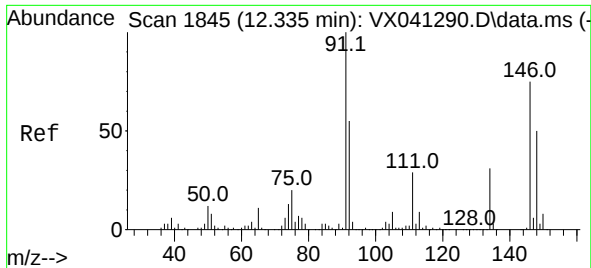
Tgt Ion:117 Resp: 23355

Ion Ratio Lower Upper

117 100

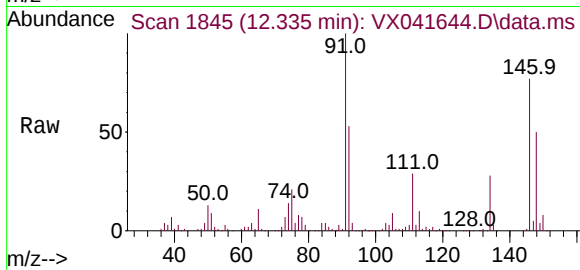
201 94.8 32.9 98.6



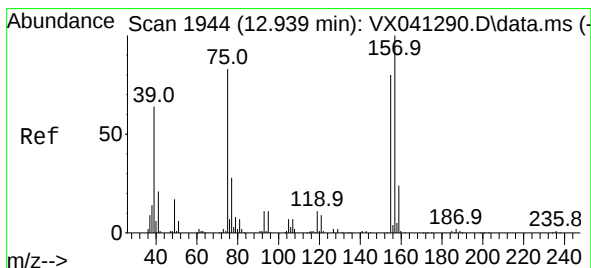
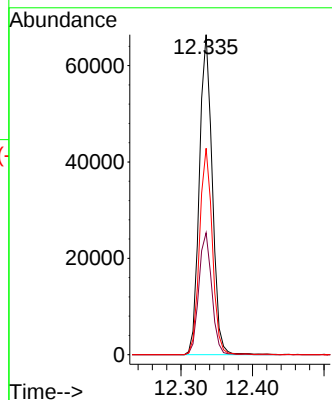
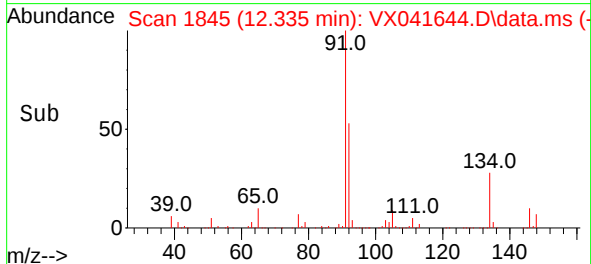


#91  
1,2-Dichlorobenzene  
Concen: 19.984 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59

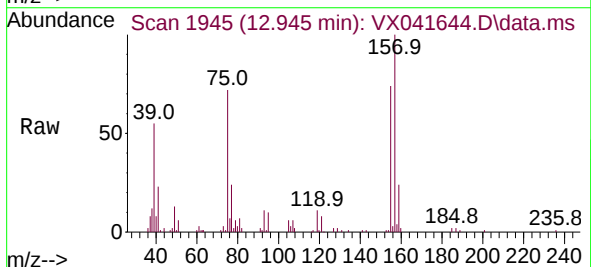
Instrument :  
MSVOA\_X  
ClientSampleId :



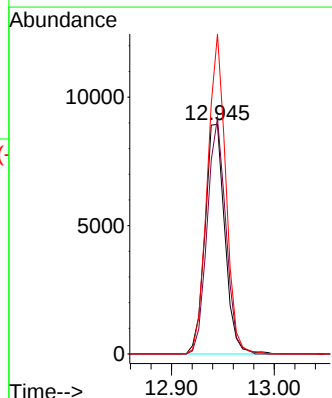
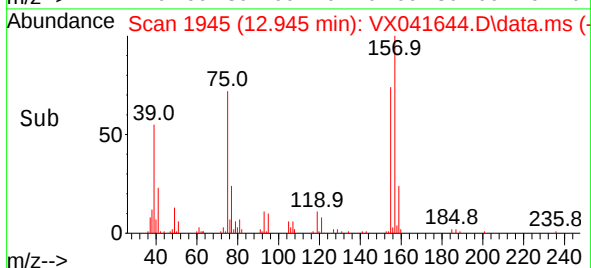
Tgt Ion:146 Resp: 82964  
Ion Ratio Lower Upper  
146 100  
111 38.1 22.4 67.0  
148 63.8 31.6 95.0

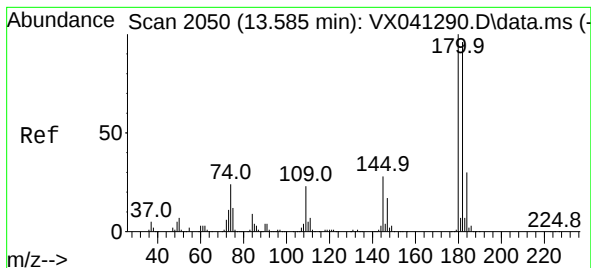


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.697 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX041644.D  
Acq: 24 May 2024 10:59



Tgt Ion: 75 Resp: 12007  
Ion Ratio Lower Upper  
75 100  
155 96.0 36.1 108.5  
157 128.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.818 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

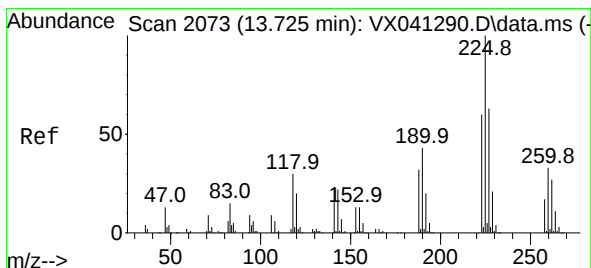
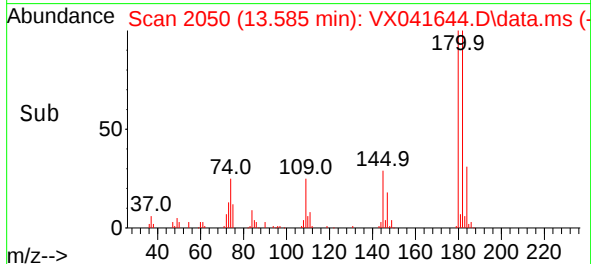
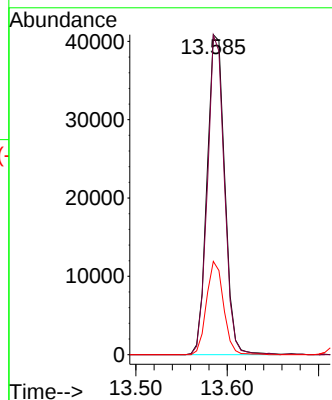
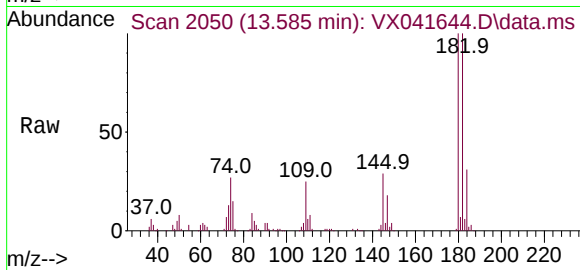
Tgt Ion:180 Resp: 54607

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.8

145 28.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 19.032 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

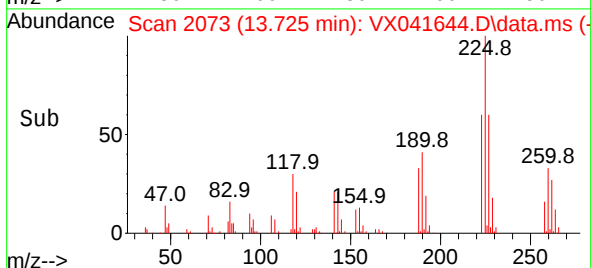
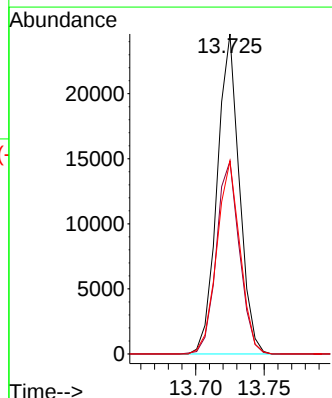
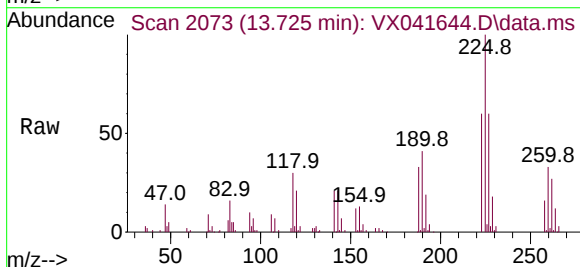
Tgt Ion:225 Resp: 27579

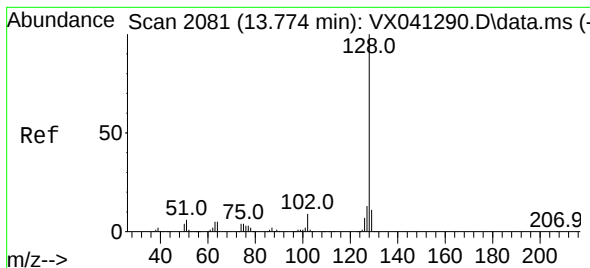
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

227 63.1 32.5 97.5





#95

Naphthalene

Concen: 20.016 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Instrument :

MSVOA\_X

ClientSampleId :

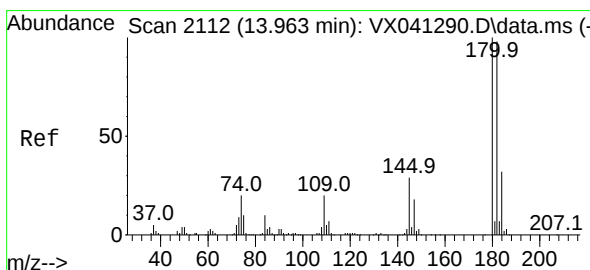
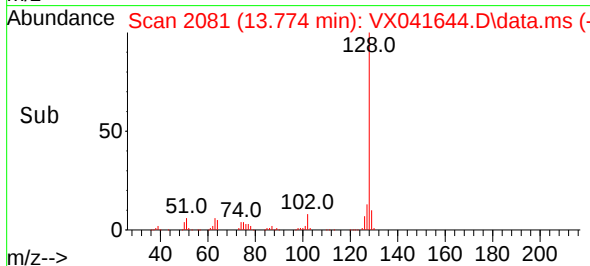
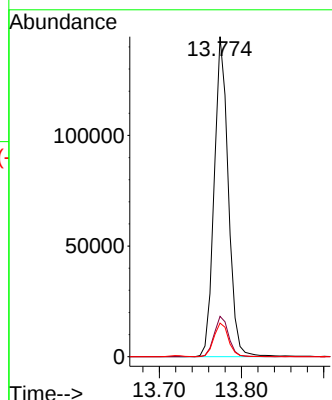
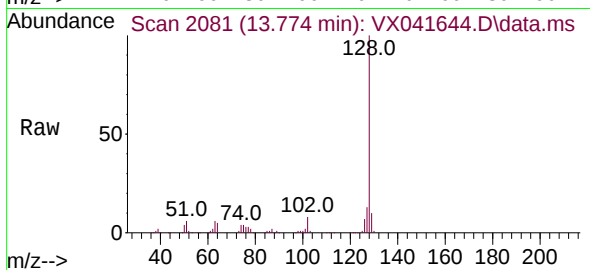
Tgt Ion:128 Resp: 172129

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.734 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041644.D

Acq: 24 May 2024 10:59

Tgt Ion:180 Resp: 58526

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.6

145 28.4 17.8 53.5

