

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100124\  
 Data File : VX043213.D  
 Acq On : 01 Oct 2024 13:55  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Oct 02 04:27:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 04:21:52 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 85958    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 161575   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 142883   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 60367    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 72453    | 48.969   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 97.940%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 54362    | 47.189   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 94.380%  |
| 50) Toluene-d8               | 8.647  | 98    | 197589   | 51.169   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 102.340% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 71052    | 50.648   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 101.300% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 568      | 0.568    | ug/l   | 85       |
| 3) Chloromethane             | 1.295  | 50    | 504      | 0.489    | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 480      | 0.465    | ug/l # | 86       |
| 5) Bromomethane              | 1.599  | 94    | 384      | 0.911    | ug/l   | 98       |
| 6) Chloroethane              | 1.666  | 64    | 169      | 0.440    | ug/l # | 83       |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 786      | 0.510    | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 559      | 0.581    | ug/l   | 89       |
| 10) Methyl Iodide            | 2.447  | 142   | 684      | 0.587    | ug/l # | 88       |
| 11) Tert butyl alcohol       | 2.941  | 59    | 4688     | 17.242   | ug/l # | 71       |
| 12) 1,1-Dichloroethene       | 2.313  | 96    | 553      | 0.579    | ug/l   | 92       |
| 13) Acrolein                 | 2.233  | 56    | 1000     | 3.963    | ug/l # | 77       |
| 14) Allyl chloride           | 2.660  | 41    | 758      | 0.483    | ug/l # | 83       |
| 15) Acrylonitrile            | 3.081  | 53    | 1212     | 2.222    | ug/l   | 95       |
| 16) Acetone                  | 2.386  | 43    | 1504     | 2.565    | ug/l # | 72       |
| 17) Carbon Disulfide         | 2.508  | 76    | 5223     | 2.248    | ug/l   | 97       |
| 18) Methyl Acetate           | 2.709  | 43    | 750      | 0.510    | ug/l # | 84       |
| 20) Methylene Chloride       | 2.782  | 84    | 589      | 0.545    | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 1106     | 1.164    | ug/l   | 93       |
| 23) Vinyl Acetate            | 3.733  | 43    | 3113     | 0.933    | ug/l   | 99       |
| 25) 2-Butanone               | 4.617  | 43    | 1249     | 1.554    | ug/l # | 49       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 572      | 0.483    | ug/l   | 81       |
| 28) Bromochloromethane       | 4.910  | 49    | 236      | 0.325    | ug/l # | 71       |
| 29) Tetrahydrofuran          | 5.032  | 42    | 620      | 1.211    | ug/l # | 35       |
| 30) Chloroform               | 5.105  | 83    | 469      | 0.232    | ug/l   | 91       |
| 31) Cyclohexane              | 5.465  | 56    | 783      | 0.517    | ug/l # | 67       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 389      | 0.210    | ug/l # | 37       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 1254     | 0.891    | ug/l # | 87       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 377      | 0.226    | ug/l # | 82       |
| 39) Methylcyclohexane        | 7.385  | 83    | 813      | 0.459    | ug/l   | 95       |
| 40) Benzene                  | 6.056  | 78    | 1314     | 0.308    | ug/l # | 77       |
| 42) 1,2-Dichloroethane       | 6.092  | 62    | 578      | 0.332    | ug/l # | 77       |
| 44) Trichloroethene          | 7.129  | 130   | 846      | 0.747    | ug/l   | 85       |
| 46) Dibromomethane           | 7.586  | 93    | 404      | 0.481    | ug/l   | 82       |
| 49) 1,4-Dioxane              | 7.696  | 88    | 413      | 15.508   | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone     | 8.586  | 43    | 1423     | 0.839    | ug/l   | 99       |
| 52) Toluene                  | 8.720  | 92    | 1125     | 0.421    | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100124\  
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 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Oct 02 04:27:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 04:21:52 2024  
 Response via : Initial Calibration

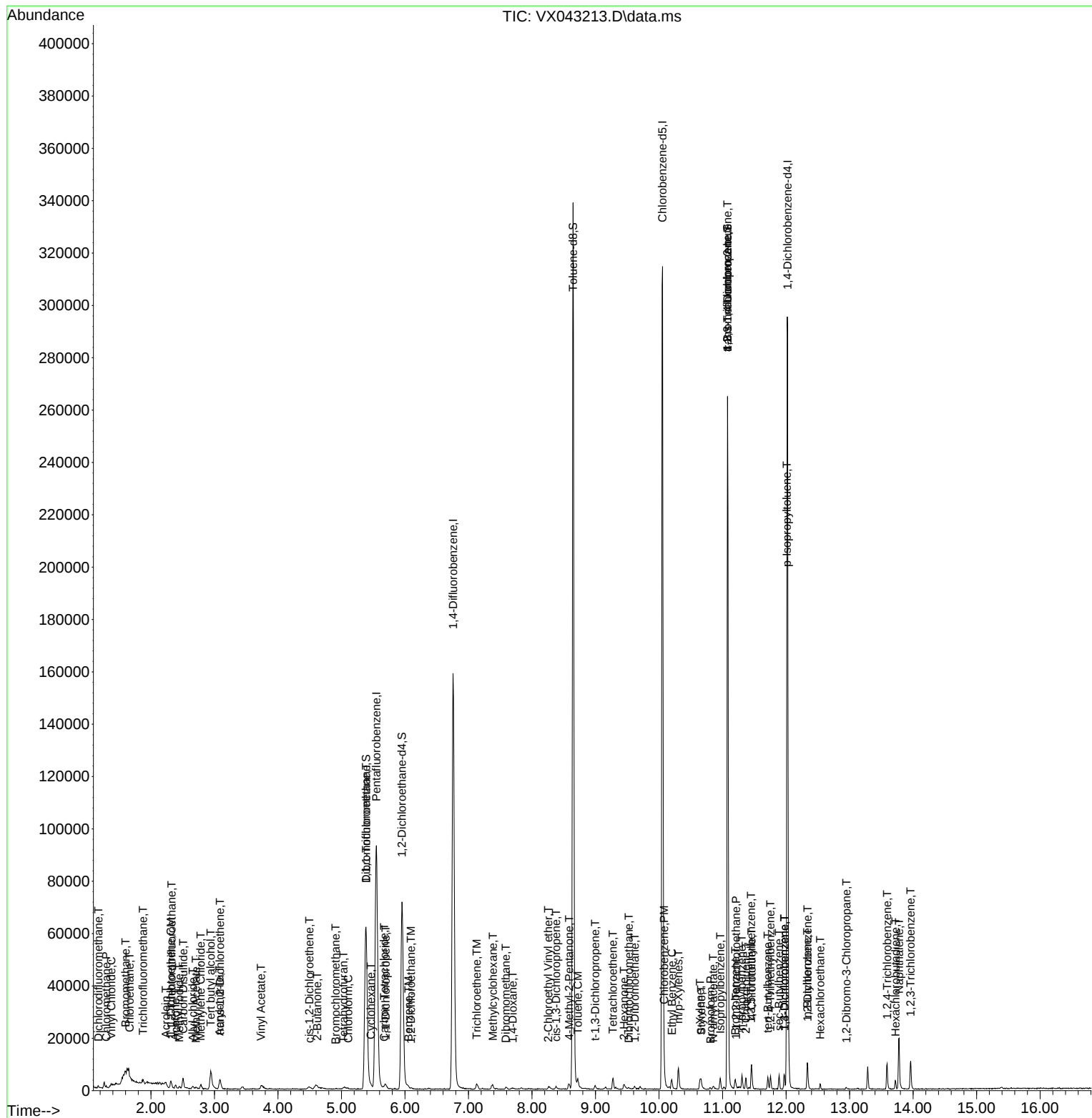
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 53) t-1,3-Dichloropropene     | 8.994  | 75   | 817      | 0.498  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.379  | 75   | 635      | 0.361  | ug/l # | 88       |
| 58) 2-Chloroethyl Vinyl ether | 8.257  | 63   | 635      | 0.811  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.452  | 43   | 2094     | 1.633  | ug/l   | 82       |
| 60) Dibromochloromethane      | 9.525  | 129  | 275      | 0.223  | ug/l   | 89       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 457      | 0.400  | ug/l   | 85       |
| 64) Tetrachloroethene         | 9.275  | 164  | 906      | 0.914  | ug/l # | 79       |
| 65) Chlorobenzene             | 10.080 | 112  | 1801     | 0.586  | ug/l # | 78       |
| 67) Ethyl Benzene             | 10.201 | 91   | 2837     | 0.534  | ug/l   | 94       |
| 68) m/p-Xylenes               | 10.305 | 106  | 2184     | 1.088  | ug/l   | 95       |
| 69) o-Xylene                  | 10.647 | 106  | 813      | 0.408  | ug/l   | 84       |
| 70) Styrene                   | 10.665 | 104  | 1751     | 0.542  | ug/l   | 94       |
| 71) Bromoform                 | 10.811 | 173  | 289      | 0.347  | ug/l # | 28       |
| 73) Isopropylbenzene          | 10.964 | 105  | 2374     | 0.506  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.854 | 43   | 902      | 0.405  | ug/l # | 85       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 383      | 0.250  | ug/l # | 87       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75   | 39329    | 29.372 | ug/l # | 34       |
| 77) Bromobenzene              | 11.201 | 156  | 919      | 0.805  | ug/l   | 82       |
| 78) n-propylbenzene           | 11.305 | 91   | 3644     | 0.707  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 2384     | 0.720  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 2318     | 0.599  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 39329    | 76.121 | ug/l # | 8        |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 3432     | 0.910  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 1984     | 0.497  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 2501     | 0.642  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 3050     | 0.645  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 2790     | 0.707  | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene       | 11.976 | 146  | 2197     | 1.092  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 11.976 | 146  | 2197     | 1.088  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.335 | 91   | 3198     | 0.968  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 262      | 0.354  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 1628     | 0.791  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.951 | 75   | 165      | 0.442  | ug/l   | 68       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 2655     | 2.238  | ug/l   | 92       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 557      | 1.184  | ug/l   | 95       |
| 95) Naphthalene               | 13.780 | 128  | 14488    | 3.322  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 2981     | 2.436  | ug/l   | 99       |

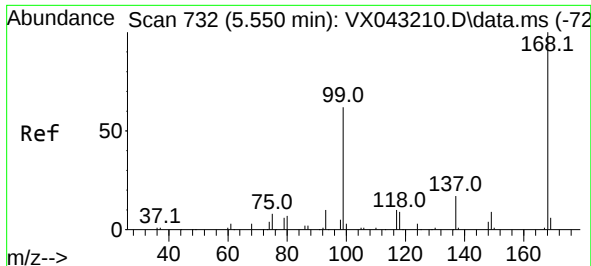
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : IBLK  
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Oct 02 04:27:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 04:21:52 2024  
 Response via : Initial Calibration

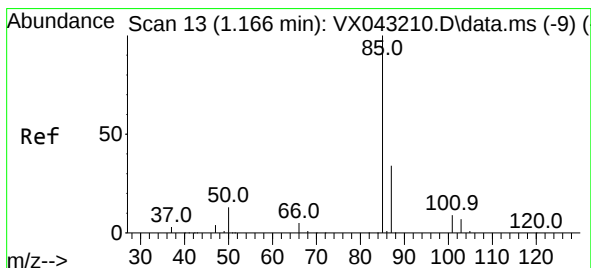
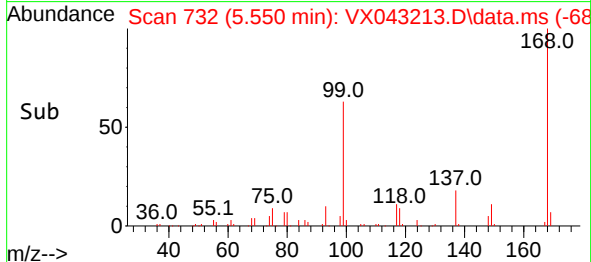
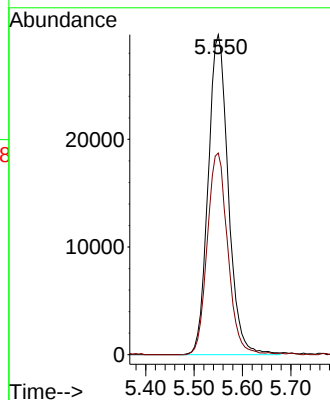
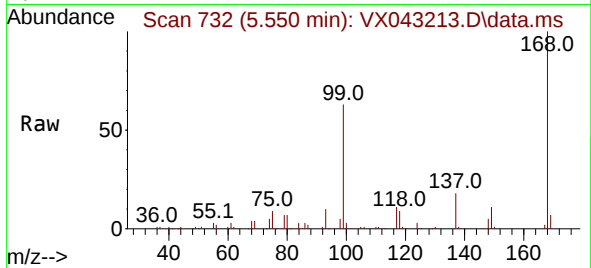




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

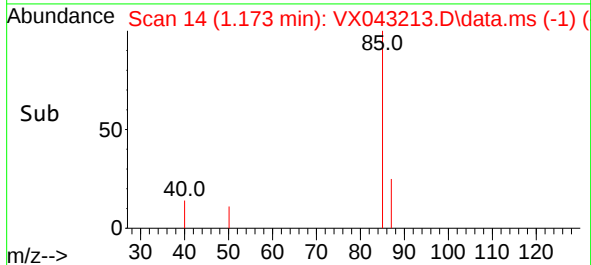
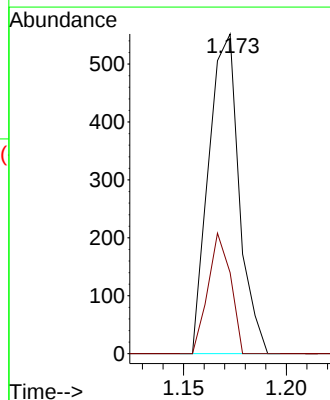
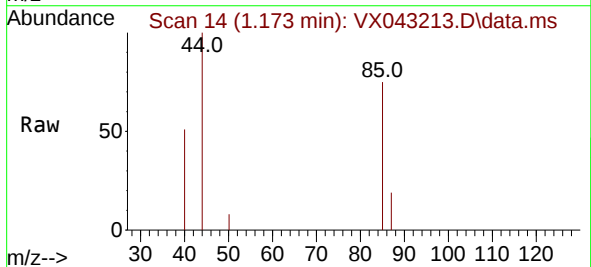
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

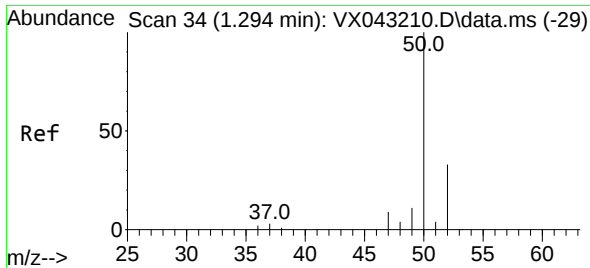
Tgt Ion:168 Resp: 85958  
Ion Ratio Lower Upper  
168 100  
99 63.0 49.7 74.5



#2  
Dichlorodifluoromethane  
Concen: 0.568 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 85 Resp: 568  
Ion Ratio Lower Upper  
85 100  
87 25.4 17.1 51.2

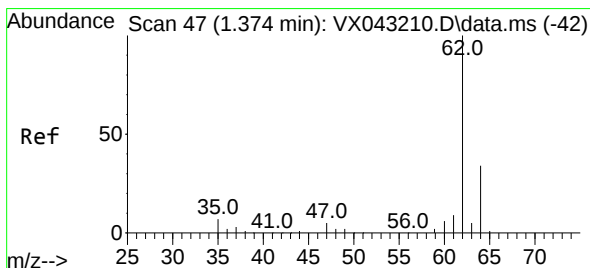
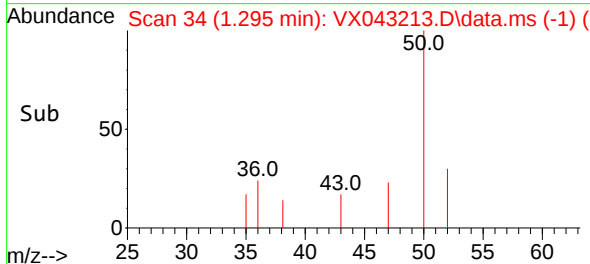
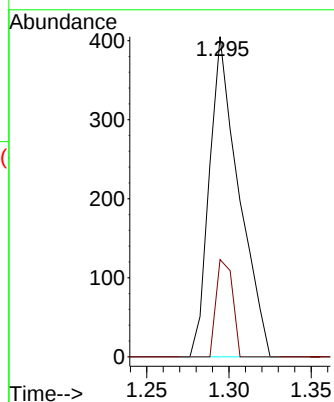
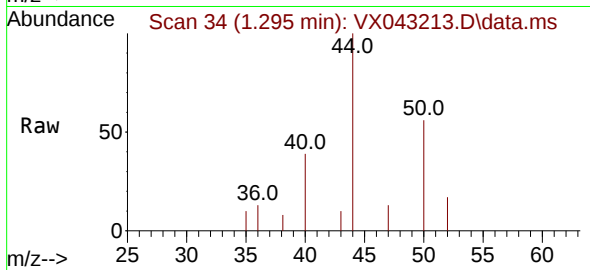




#3  
Chloromethane  
Concen: 0.489 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

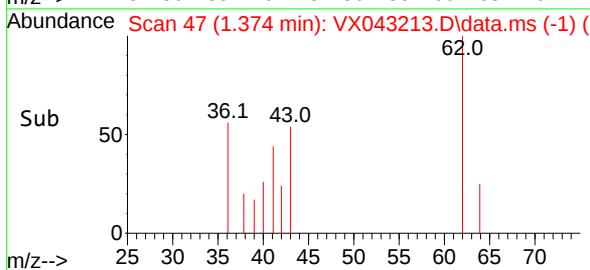
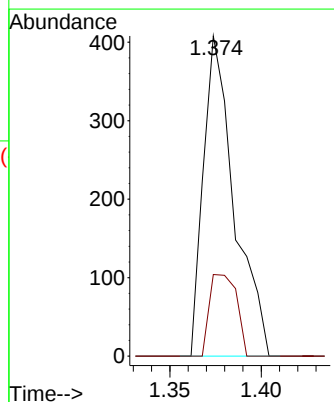
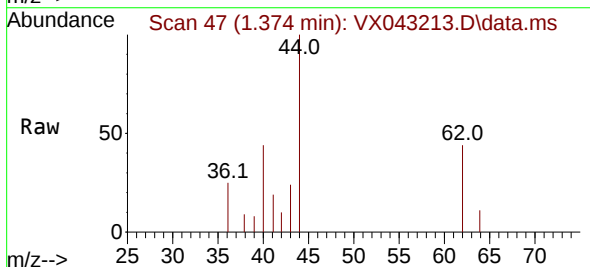
Instrument :  
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ClientSampleId :  
IBLK

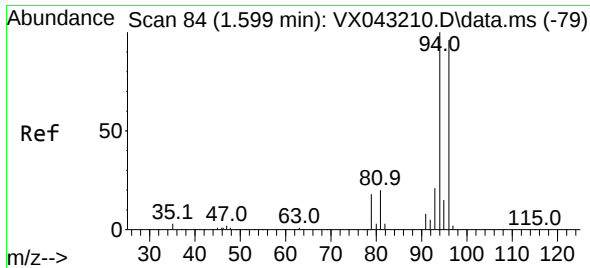
Tgt Ion: 50 Resp: 504  
Ion Ratio Lower Upper  
50 100  
52 30.4 26.1 39.1



#4  
Vinyl Chloride  
Concen: 0.465 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 62 Resp: 480  
Ion Ratio Lower Upper  
62 100  
64 25.5 26.8 40.2#

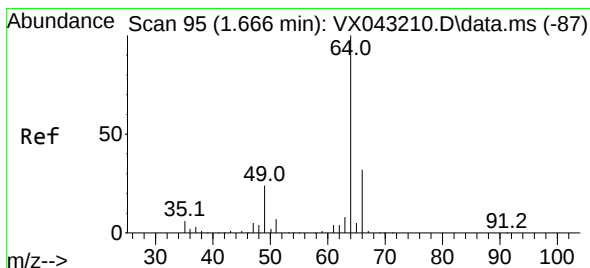
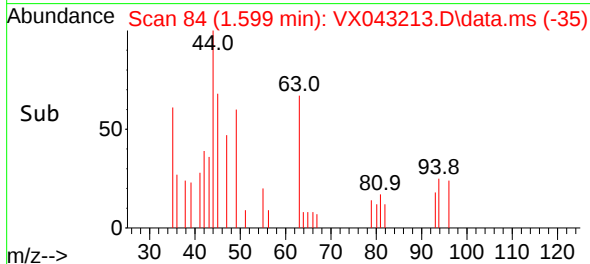
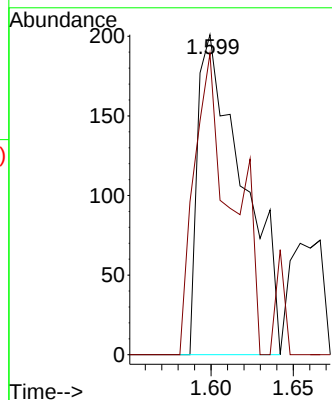
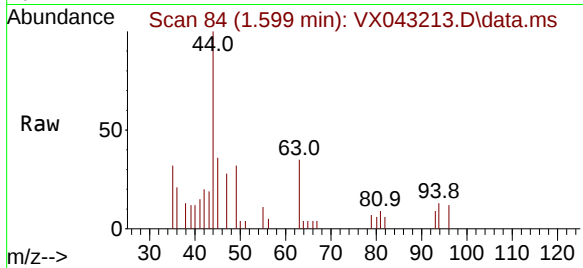




#5  
Bromomethane  
Concen: 0.911 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

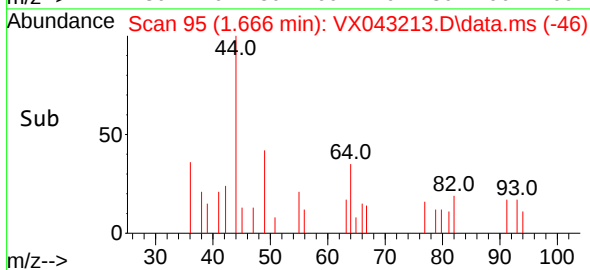
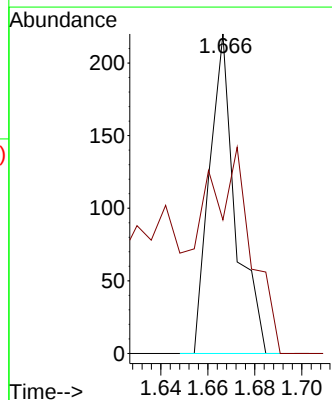
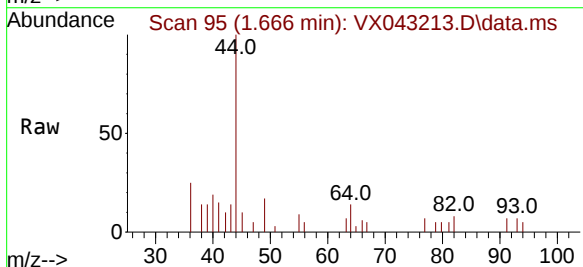
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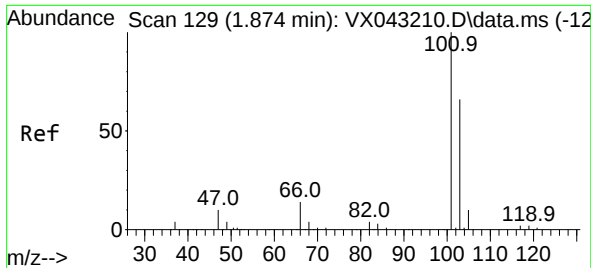
Tgt Ion: 94 Resp: 384  
Ion Ratio Lower Upper  
94 100  
96 94.0 76.6 115.0



#6  
Chloroethane  
Concen: 0.440 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 64 Resp: 169  
Ion Ratio Lower Upper  
64 100  
66 41.8 25.8 38.8#

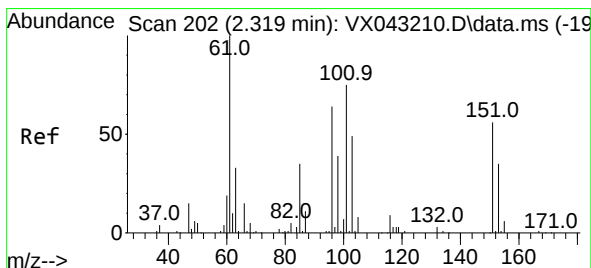
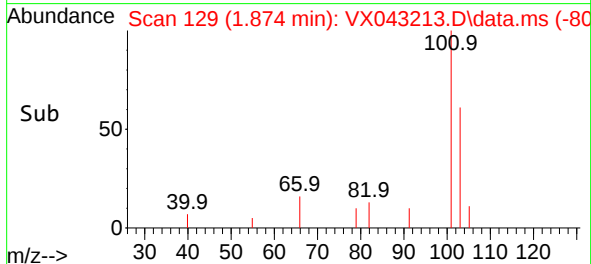
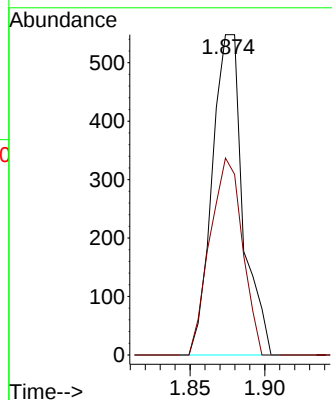
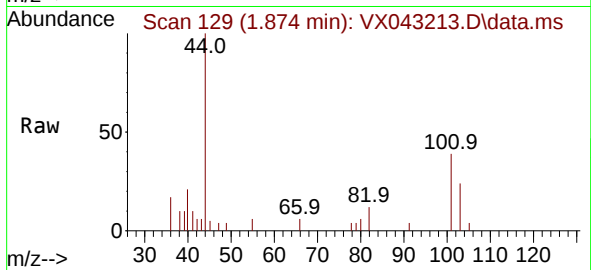




#7  
 Trichlorofluoromethane  
 Concen: 0.510 ug/l  
 RT: 1.874 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX043213.D  
 Acq: 01 Oct 2024 13:55

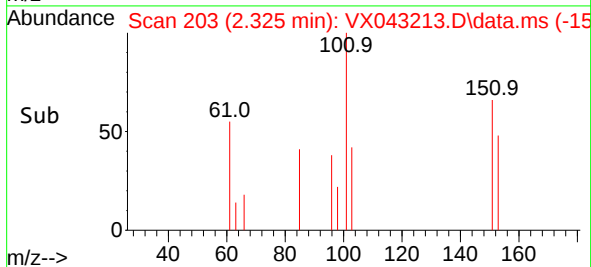
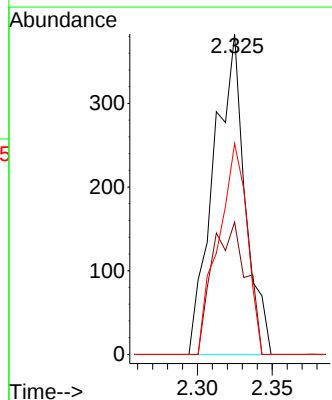
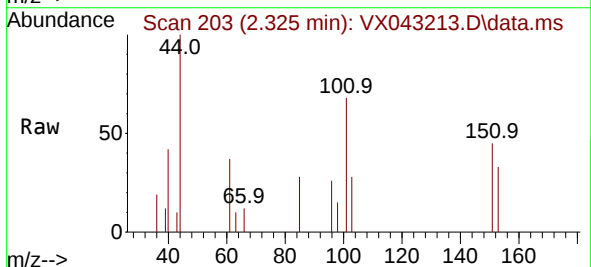
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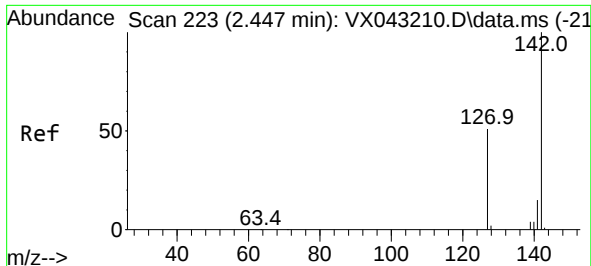
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 Ion Ratio Lower Upper  
 101 100  
 103 61.5 52.7 79.1



#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.581 ug/l  
 RT: 2.325 min Scan# 203  
 Delta R.T. 0.006 min  
 Lab File: VX043213.D  
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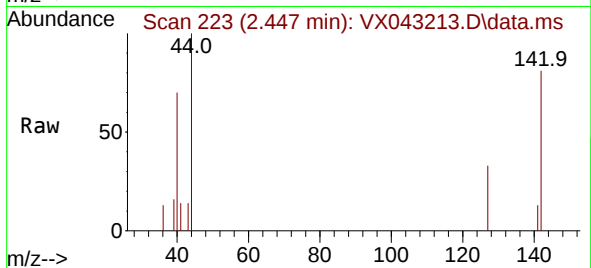
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 Ion Ratio Lower Upper  
 101 100  
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 151 60.3 60.0 90.0



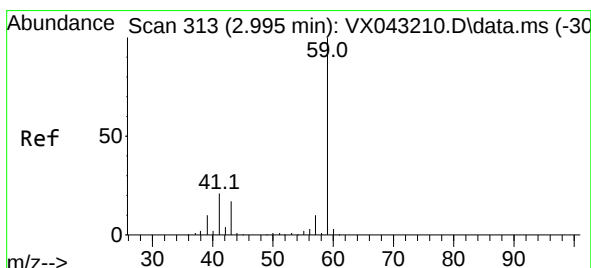
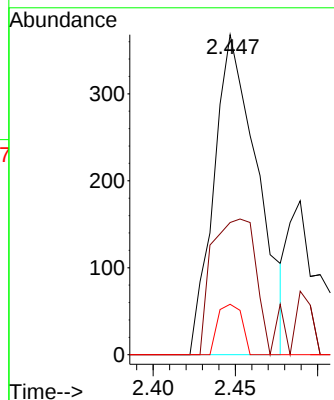
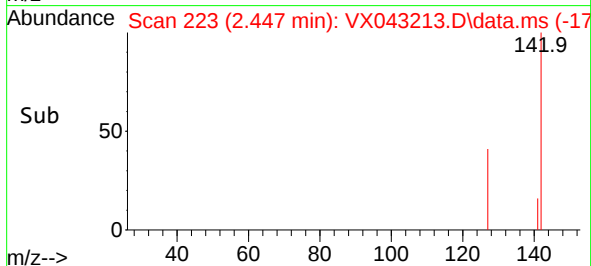


#10  
Methyl Iodide  
Concen: 0.587 ug/l  
RT: 2.447 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

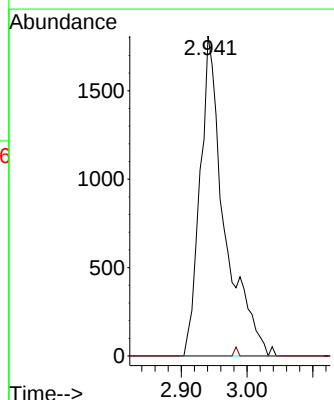
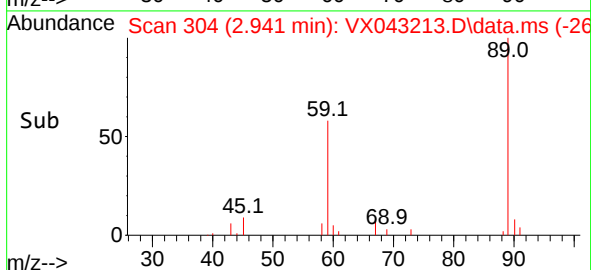
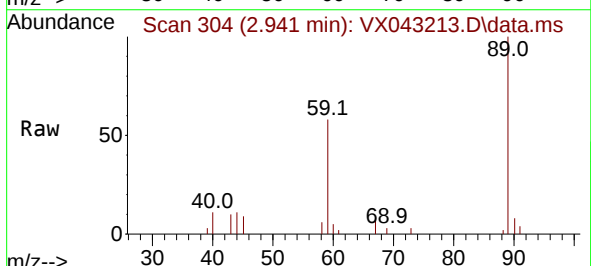


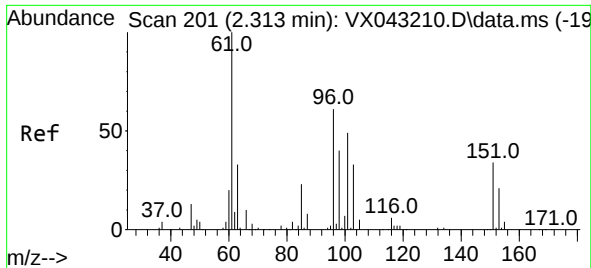
Tgt Ion:142 Resp: 684  
Ion Ratio Lower Upper  
142 100  
127 42.3 39.8 59.8  
141 8.6 11.6 17.4#



#11  
Tert butyl alcohol  
Concen: 17.242 ug/l  
RT: 2.941 min Scan# 304  
Delta R.T. -0.055 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 59 Resp: 4688  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.6 13.0#





#12

1,1-Dichloroethene

Concen: 0.579 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

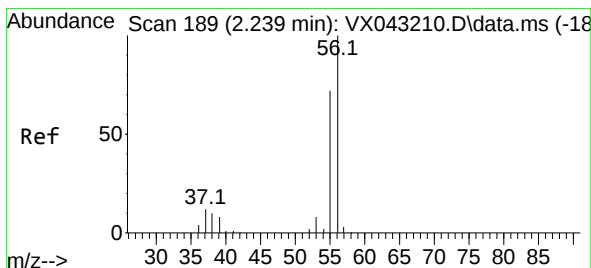
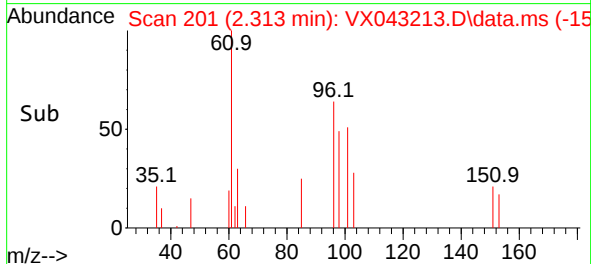
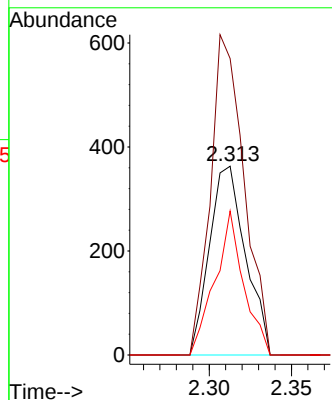
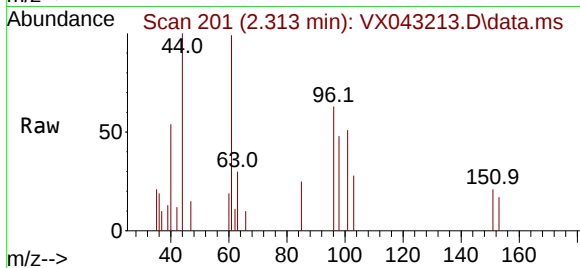
Tgt Ion: 96 Resp: 553

Ion Ratio Lower Upper

96 100

61 157.0 130.6 195.8

98 76.3 51.7 77.5



#13

Acrolein

Concen: 3.963 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX043213.D

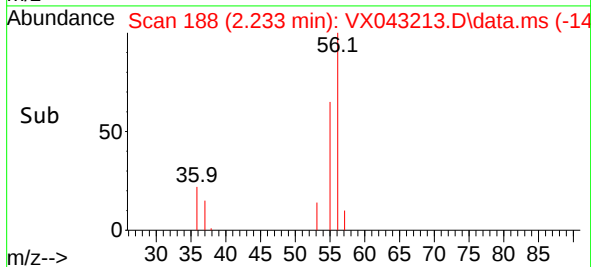
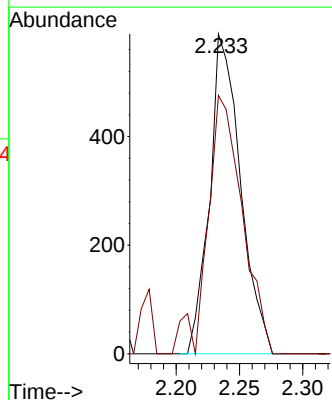
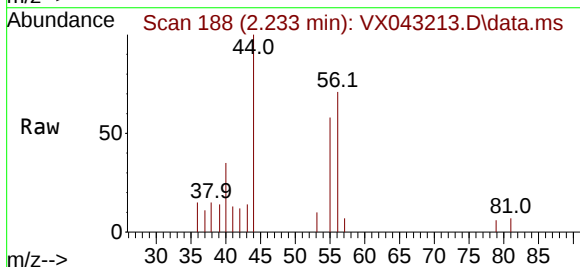
Acq: 01 Oct 2024 13:55

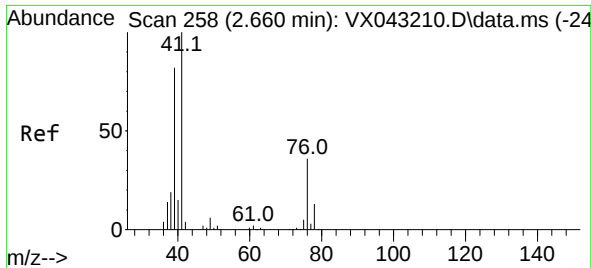
Tgt Ion: 56 Resp: 1000

Ion Ratio Lower Upper

56 100

55 91.1 57.4 86.0#

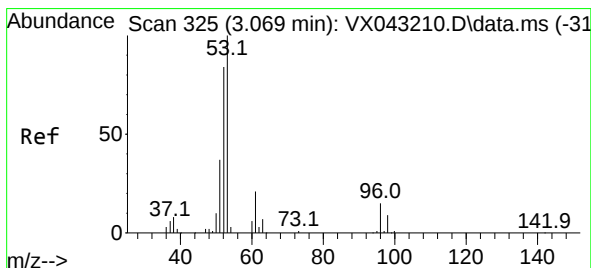
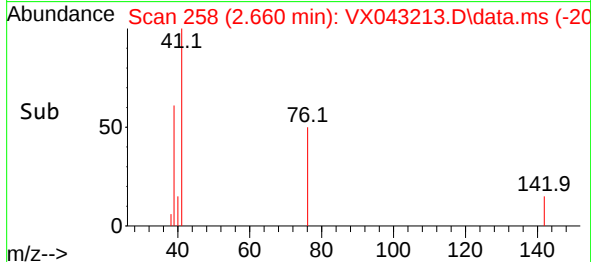
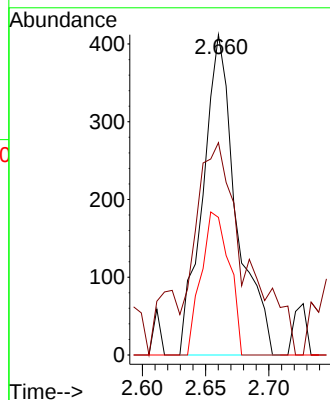
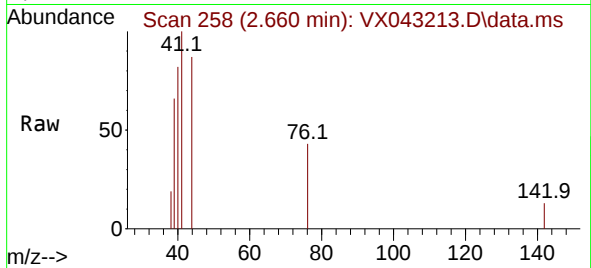




#14  
 Allyl chloride  
 Concen: 0.483 ug/l  
 RT: 2.660 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VX043213.D  
 Acq: 01 Oct 2024 13:55

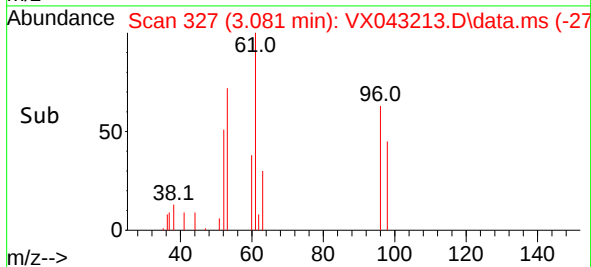
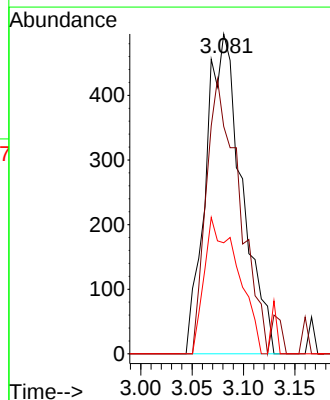
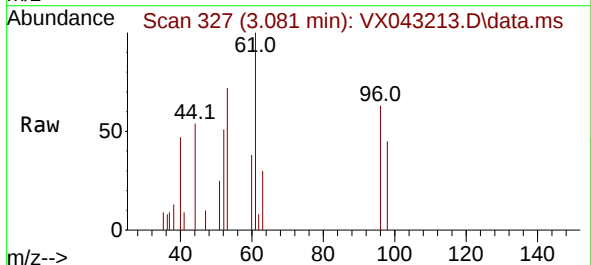
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

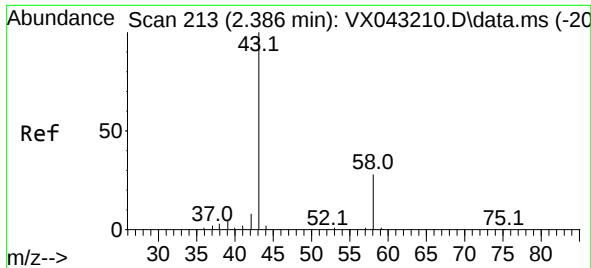
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 758   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 97.6  | 61.7  | 92.5# |
| 76       | 37.6  | 28.6  | 43.0  |



#15  
 Acrylonitrile  
 Concen: 2.222 ug/l  
 RT: 3.081 min Scan# 327  
 Delta R.T. 0.000 min  
 Lab File: VX043213.D  
 Acq: 01 Oct 2024 13:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 1212  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 78.9  | 67.6  | 101.4 |
| 51       | 39.6  | 30.3  | 45.5  |

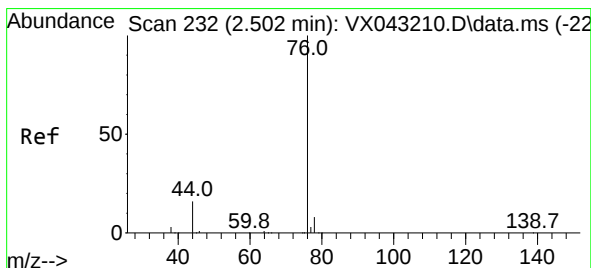
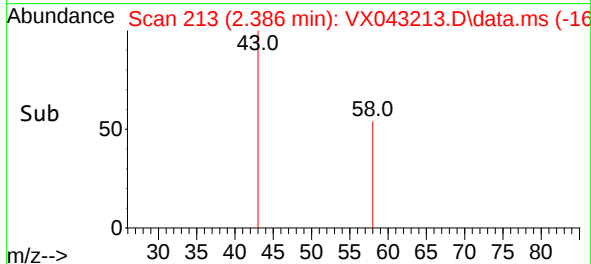
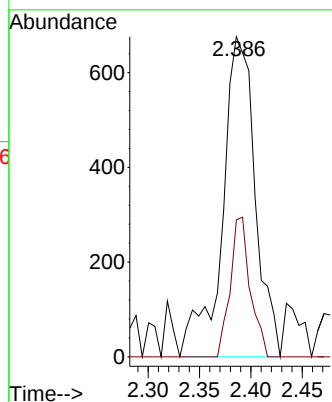
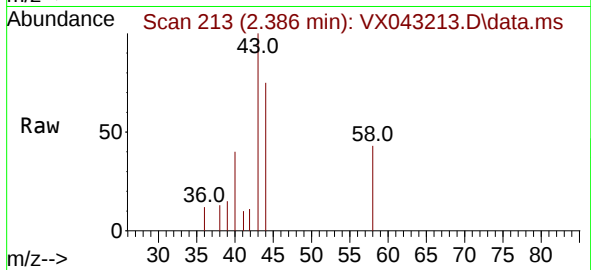




#16  
Acetone  
Concen: 2.565 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

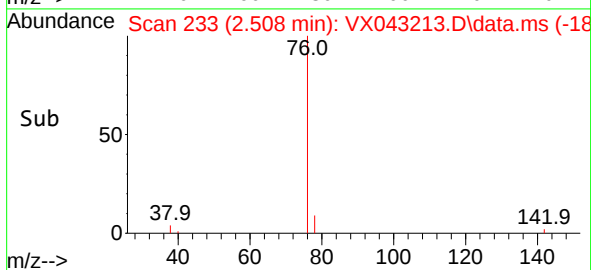
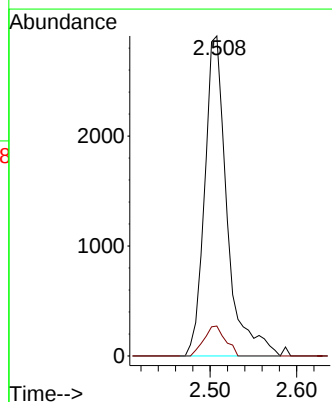
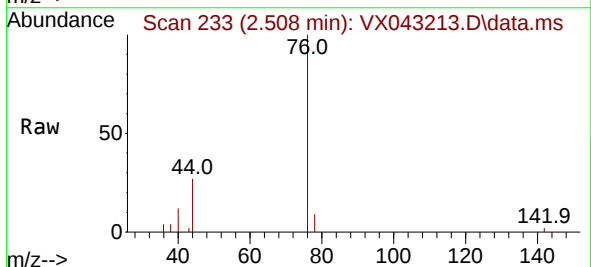
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

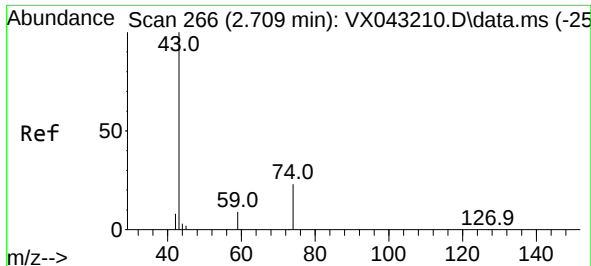
Tgt Ion: 43 Resp: 1504  
Ion Ratio Lower Upper  
43 100  
58 42.8 22.6 33.8#



#17  
Carbon Disulfide  
Concen: 2.248 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 76 Resp: 5223  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.7 10.1

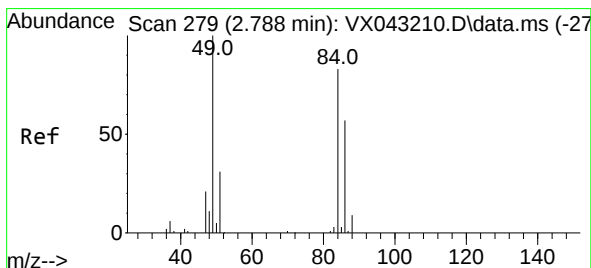
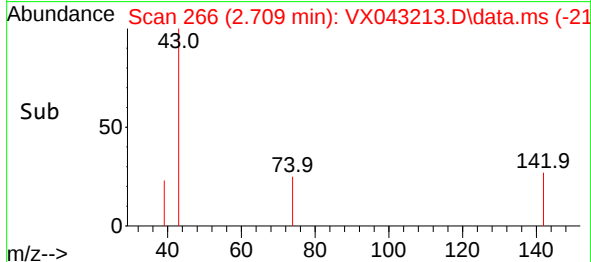
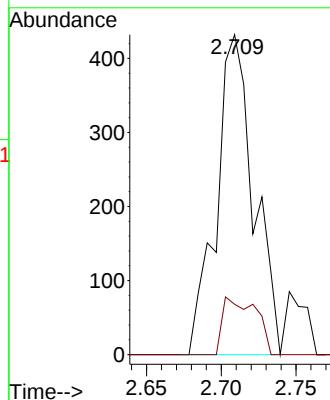
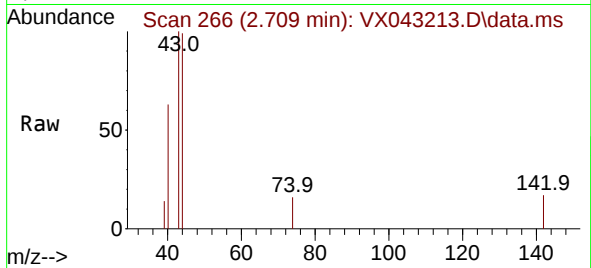




#18  
Methyl Acetate  
Concen: 0.510 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

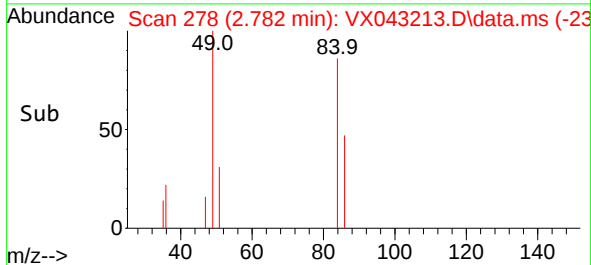
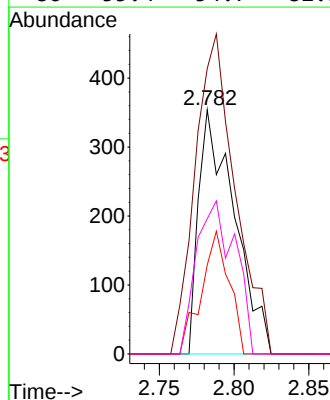
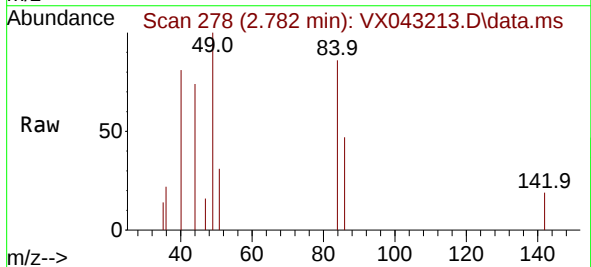
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

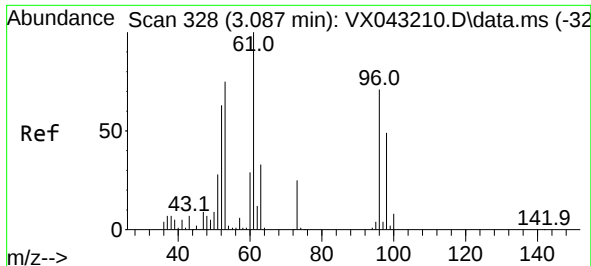
Tgt Ion: 43 Resp: 750  
Ion Ratio Lower Upper  
43 100  
74 16.0 19.1 28.7#



#20  
Methylene Chloride  
Concen: 0.545 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 84 Resp: 589  
Ion Ratio Lower Upper  
84 100  
49 116.9 96.7 145.1  
51 36.4 30.4 45.6  
86 55.4 54.7 82.1

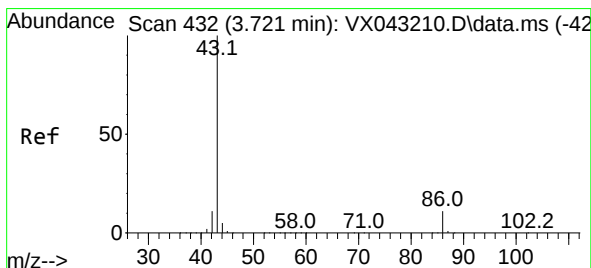
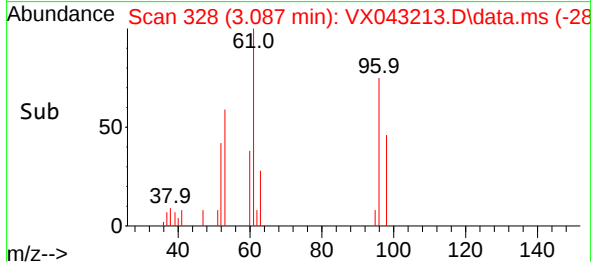
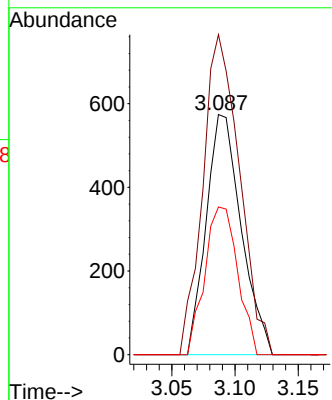
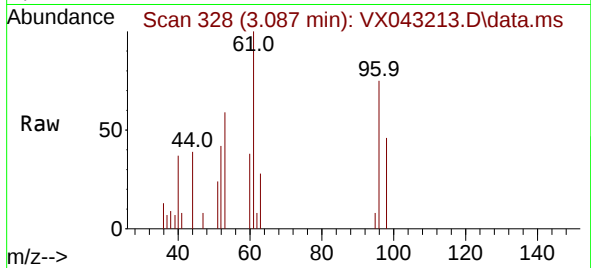




#21  
trans-1,2-Dichloroethene  
Concen: 1.164 ug/l  
RT: 3.087 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

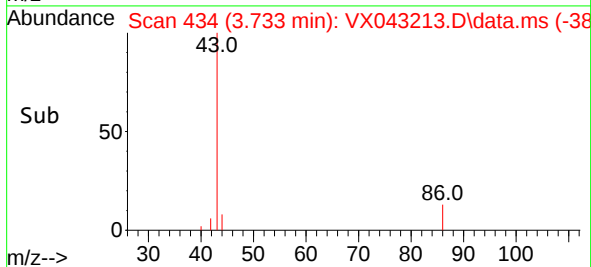
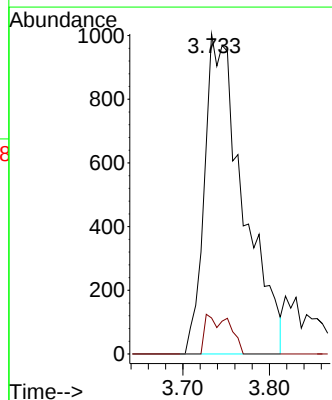
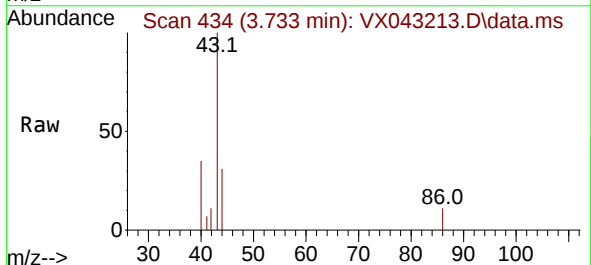
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

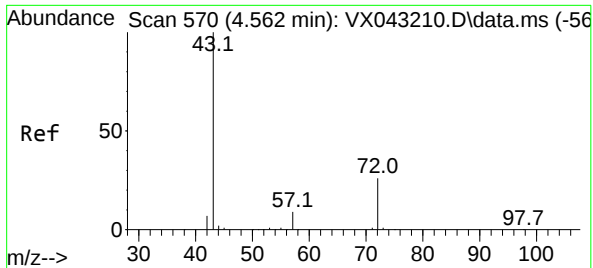
Tgt Ion: 96 Resp: 1106  
Ion Ratio Lower Upper  
96 100  
61 133.3 112.3 168.5  
98 61.5 54.6 82.0



#23  
Vinyl Acetate  
Concen: 0.933 ug/l  
RT: 3.733 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 43 Resp: 3113  
Ion Ratio Lower Upper  
43 100  
86 11.2 8.8 13.2





#25

2-Butanone

Concen: 1.554 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

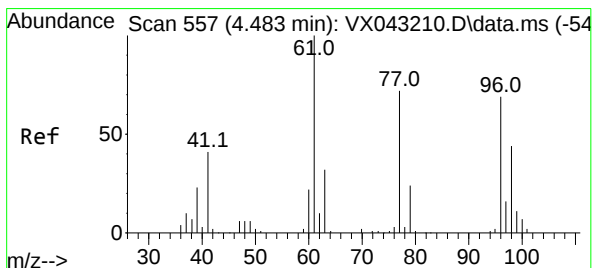
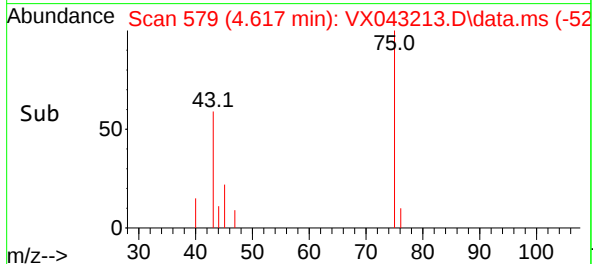
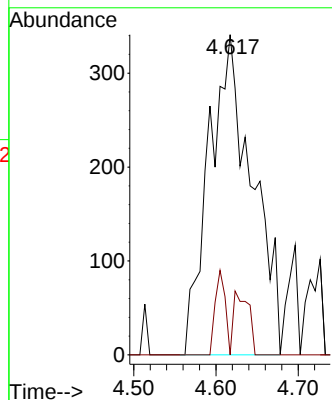
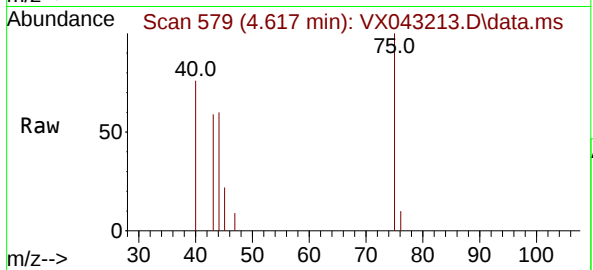
IBLK

Tgt Ion: 43 Resp: 1249

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



#27

cis-1,2-Dichloroethene

Concen: 0.483 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

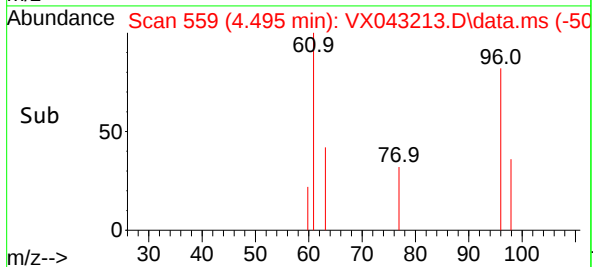
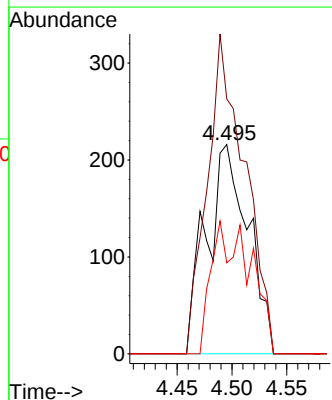
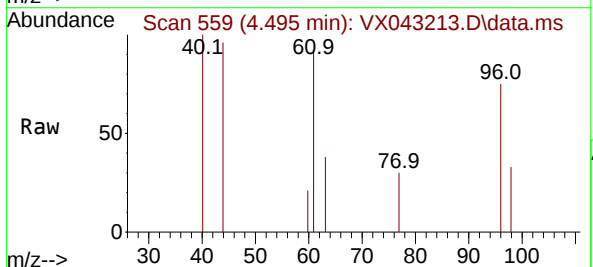
Tgt Ion: 96 Resp: 572

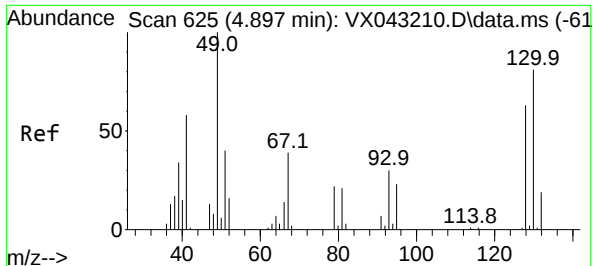
Ion Ratio Lower Upper

96 100

61 137.1 0.0 298.2

98 31.6 0.0 128.6

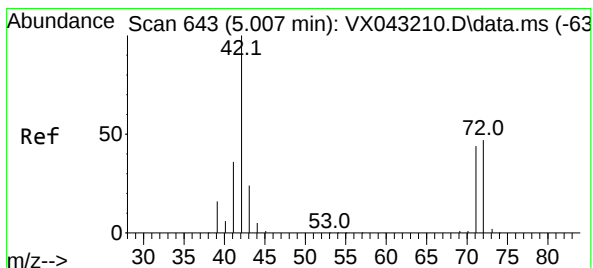
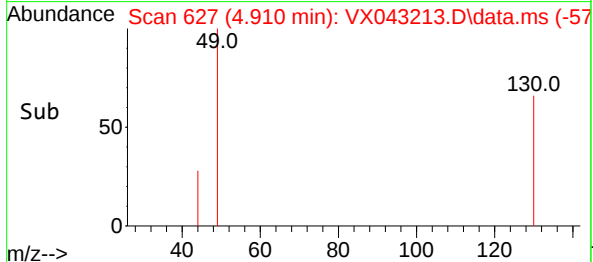
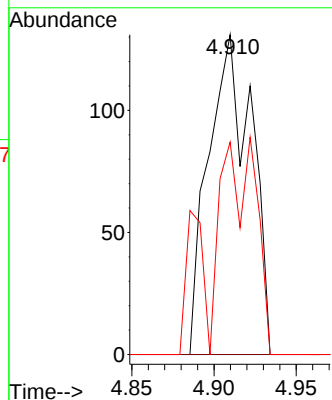
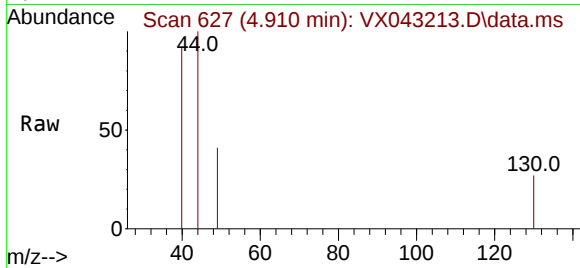




#28  
Bromochloromethane  
Concen: 0.325 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

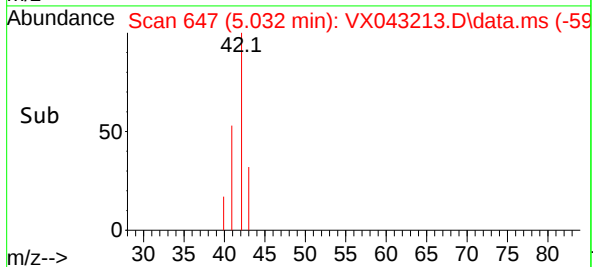
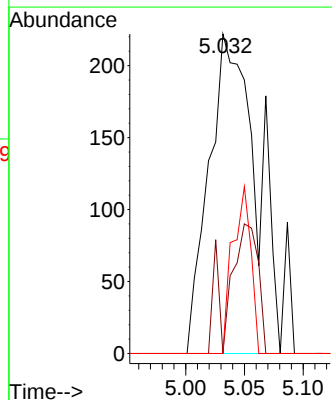
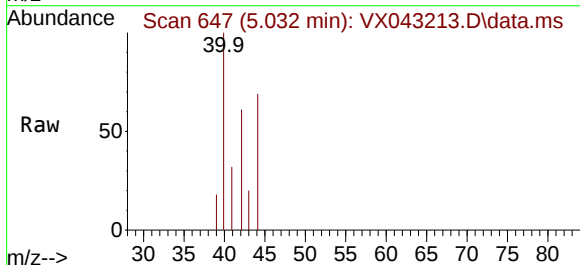
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

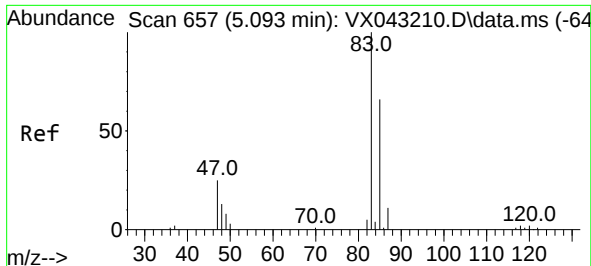
Tgt Ion: 49 Resp: 236  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 4.0  
130 55.1 65.5 98.3#



#29  
Tetrahydrofuran  
Concen: 1.211 ug/l  
RT: 5.032 min Scan# 647  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 42 Resp: 620  
Ion Ratio Lower Upper  
42 100  
72 4.7 37.7 56.5#  
71 0.0 34.6 52.0#





#30

Chloroform

Concen: 0.232 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

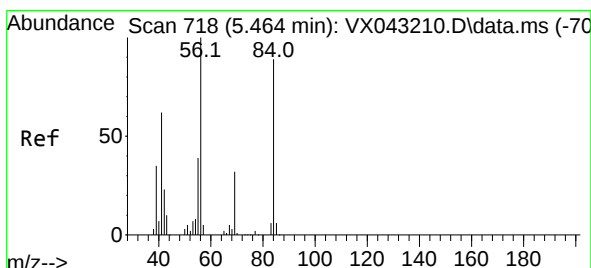
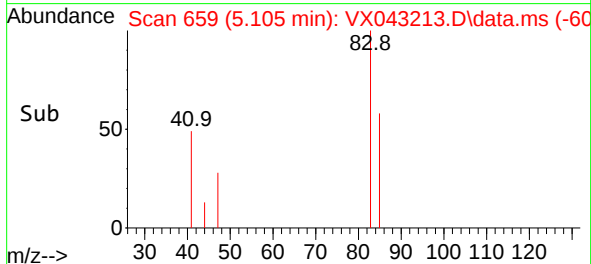
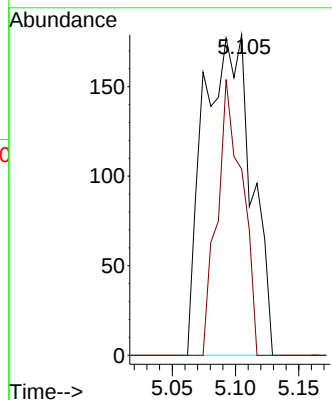
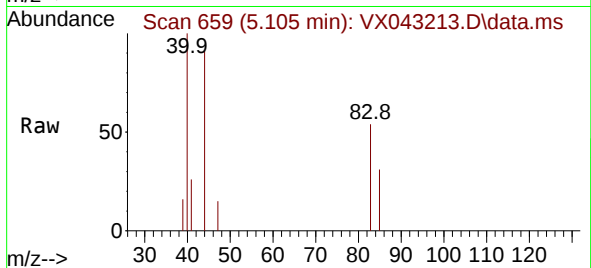
IBLK

Tgt Ion: 83 Resp: 469

Ion Ratio Lower Upper

83 100

85 58.1 52.5 78.7



#31

Cyclohexane

Concen: 0.517 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

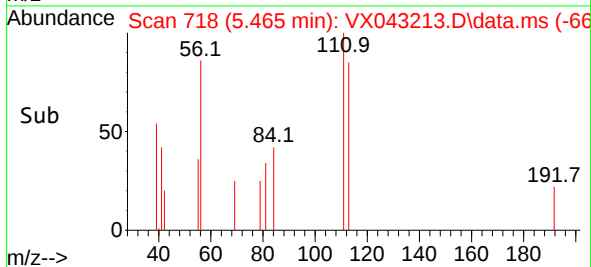
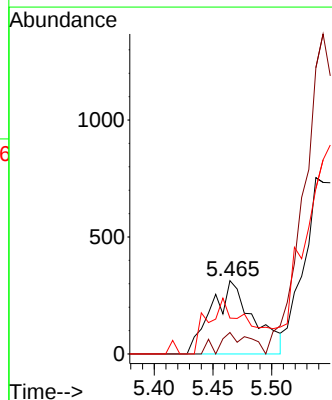
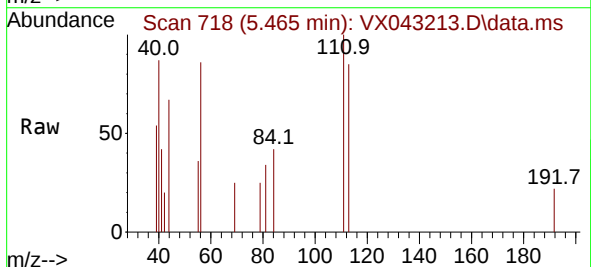
Tgt Ion: 56 Resp: 783

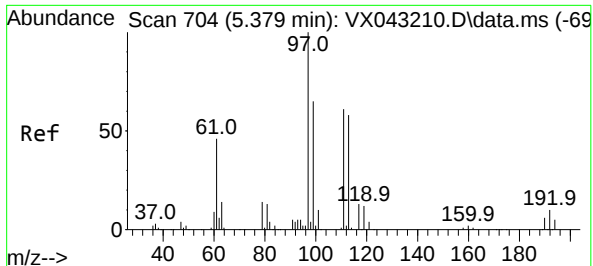
Ion Ratio Lower Upper

56 100

69 29.4 25.8 38.6

84 48.9 71.1 106.7#

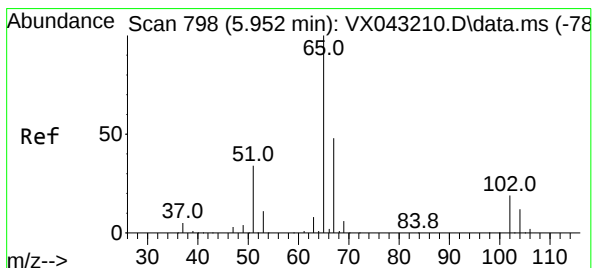
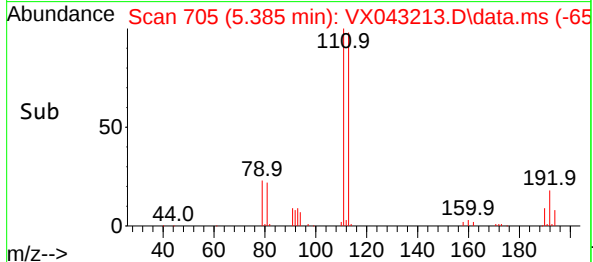
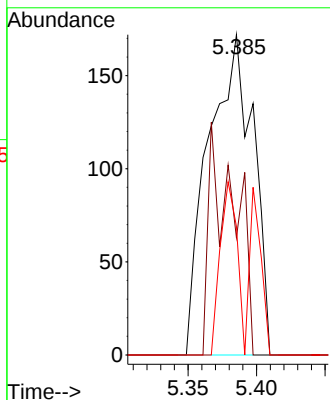
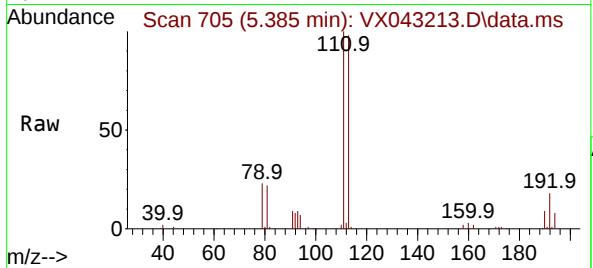




#32  
1,1,1-Trichloroethane  
Concen: 0.210 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

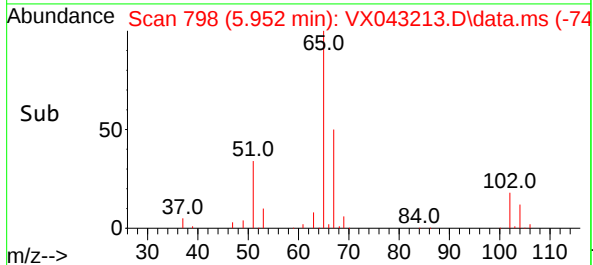
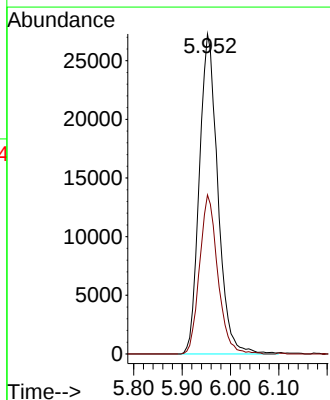
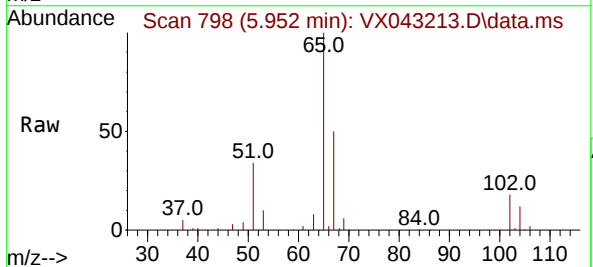
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

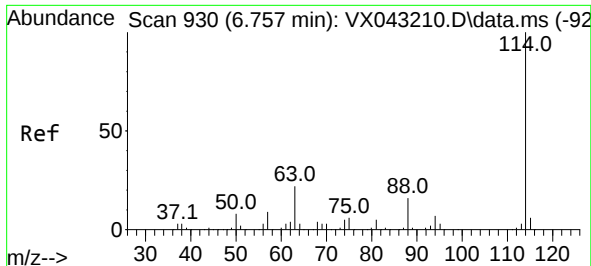
Tgt Ion: 97 Resp: 389  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.2 76.8#  
61 20.6 35.6 53.4#



#33  
1,2-Dichloroethane-d4  
Concen: 48.969 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 65 Resp: 72453  
Ion Ratio Lower Upper  
65 100  
67 49.0 0.0 99.0

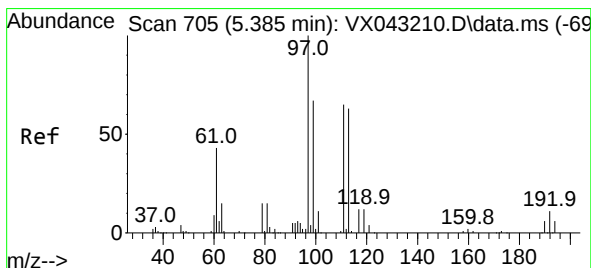
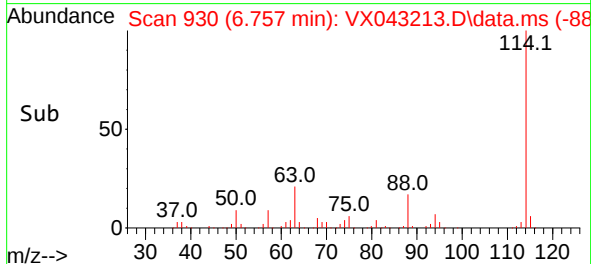
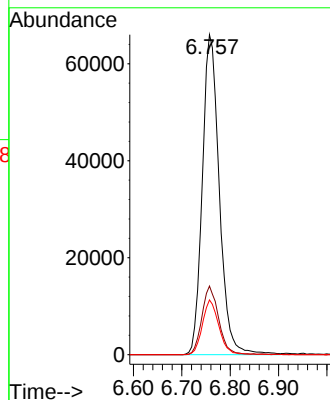
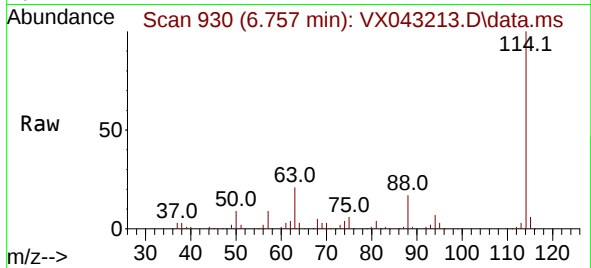




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

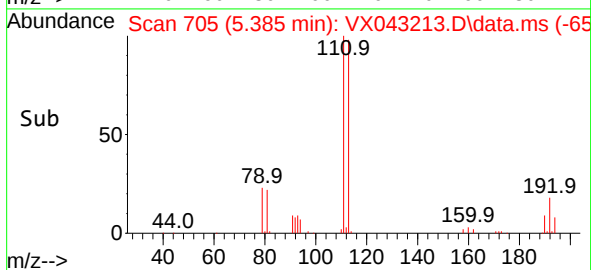
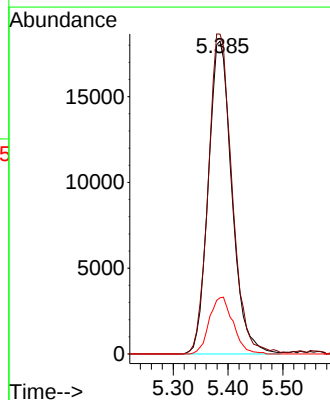
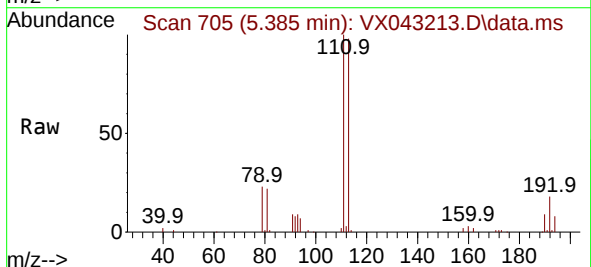
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

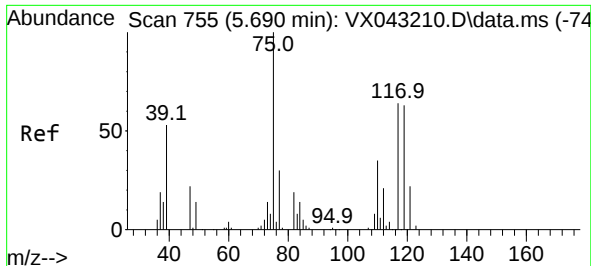
Tgt Ion:114 Resp: 161575  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 43.0  
88 17.1 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 47.189 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion:113 Resp: 54362  
Ion Ratio Lower Upper  
113 100  
111 103.6 83.4 125.0  
192 18.3 14.1 21.1





#36

1,1-Dichloropropene

Concen: 0.891 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

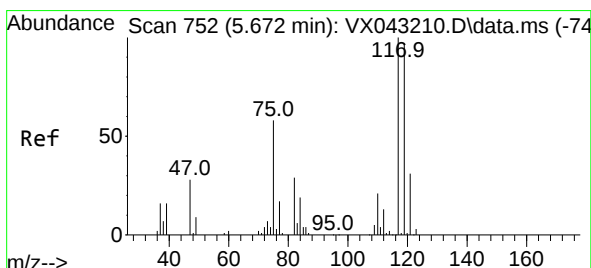
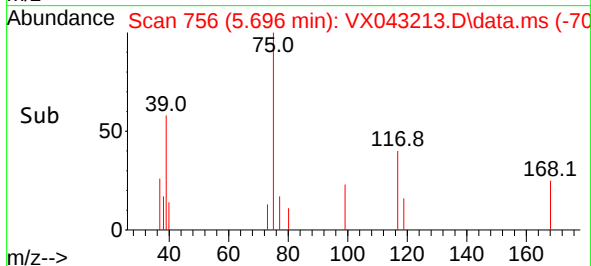
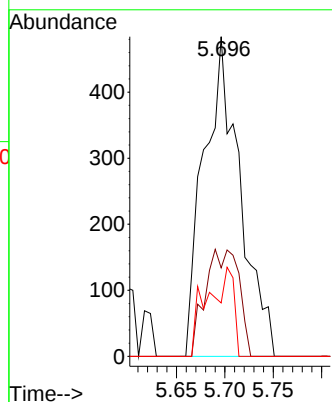
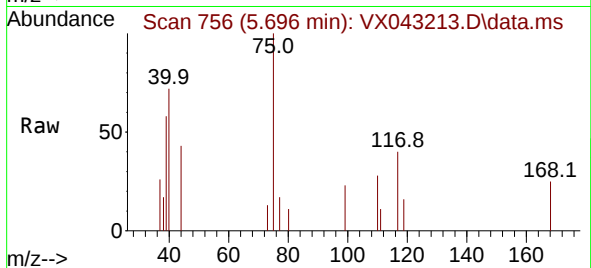
Tgt Ion: 75 Resp: 1254

Ion Ratio Lower Upper

75 100

110 31.2 17.8 53.3

77 20.4 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 0.226 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.006 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

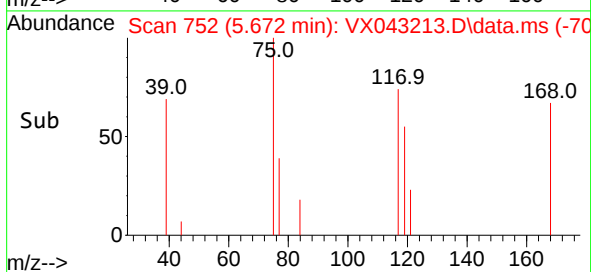
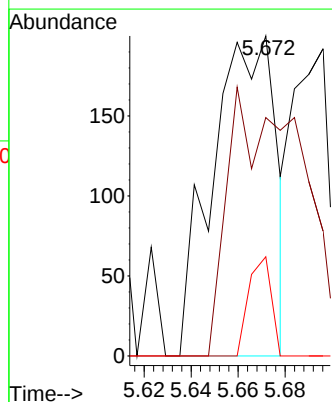
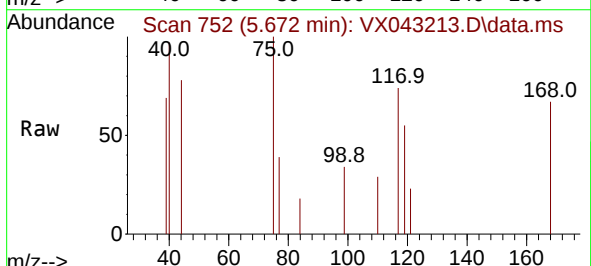
Tgt Ion: 117 Resp: 377

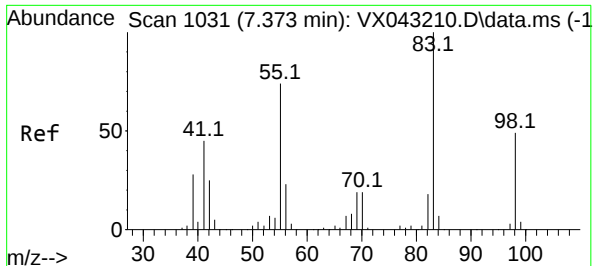
Ion Ratio Lower Upper

117 100

119 74.5 77.7 116.5#

121 31.0 24.3 36.5





#39

Methylcyclohexane

Concen: 0.459 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.012 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

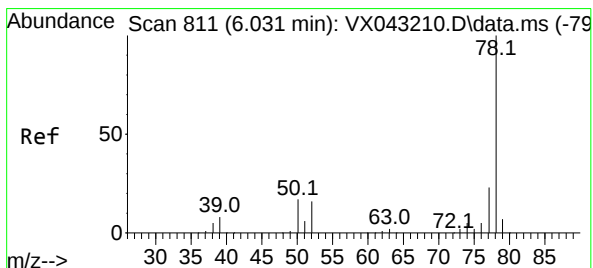
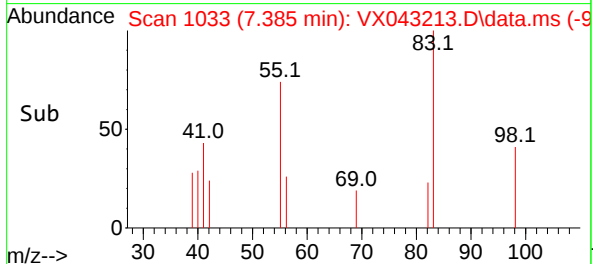
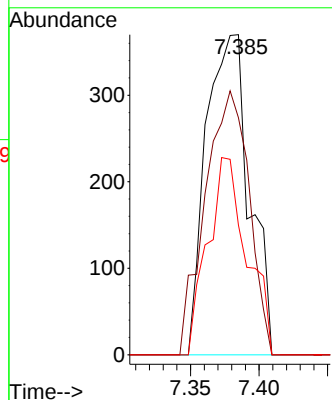
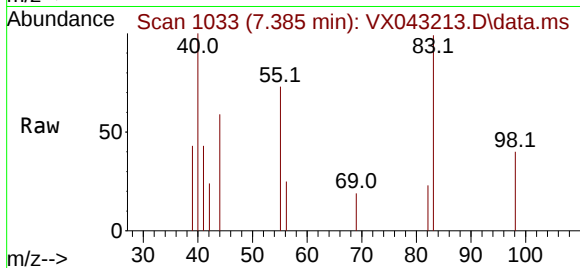
Tgt Ion: 83 Resp: 813

Ion Ratio Lower Upper

83 100

55 74.1 59.4 89.2

98 40.5 39.3 58.9



#40

Benzene

Concen: 0.308 ug/l

RT: 6.056 min Scan# 815

Delta R.T. 0.018 min

Lab File: VX043213.D

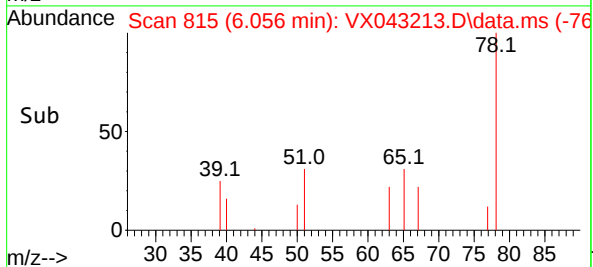
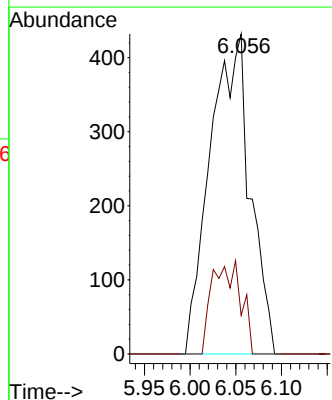
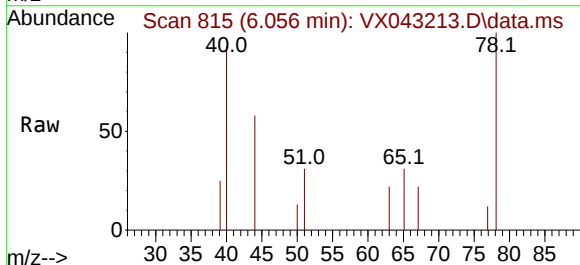
Acq: 01 Oct 2024 13:55

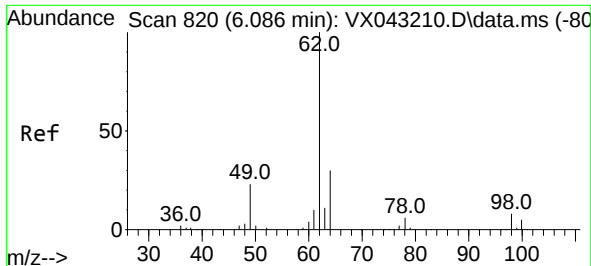
Tgt Ion: 78 Resp: 1314

Ion Ratio Lower Upper

78 100

77 12.0 18.8 28.2#





#42

1,2-Dichloroethane

Concen: 0.332 ug/l

RT: 6.092 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

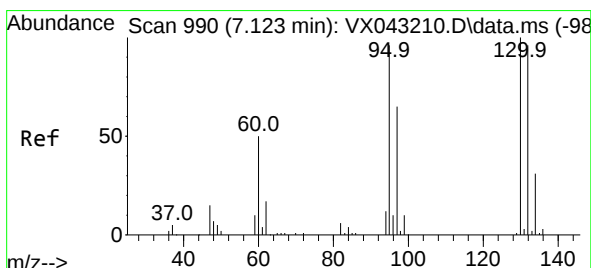
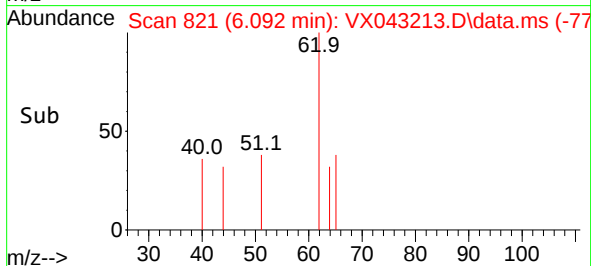
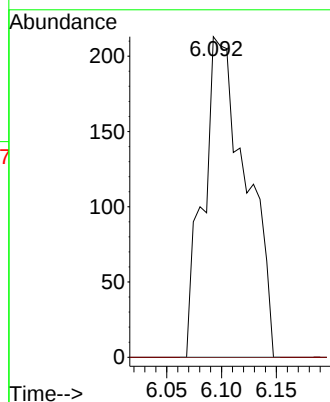
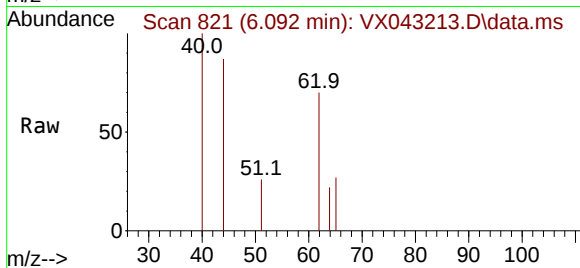
IBLK

Tgt Ion: 62 Resp: 578

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 0.747 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX043213.D

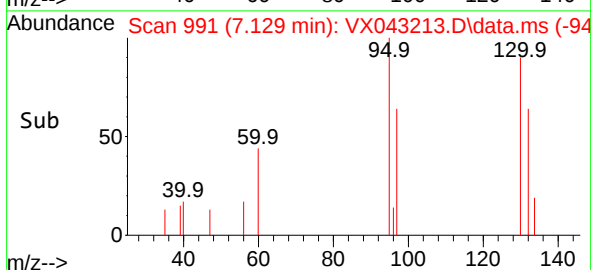
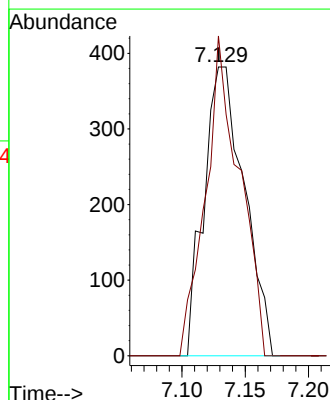
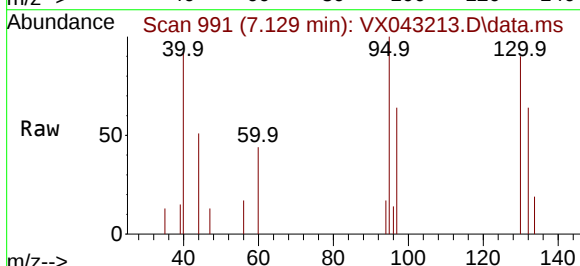
Acq: 01 Oct 2024 13:55

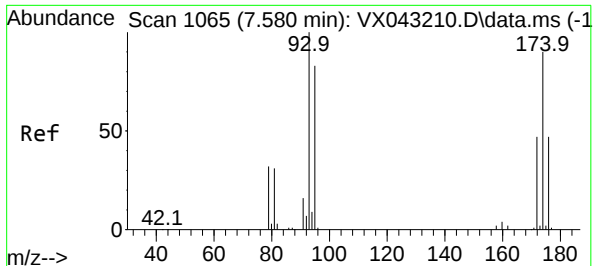
Tgt Ion:130 Resp: 846

Ion Ratio Lower Upper

130 100

95 110.7 0.0 192.2

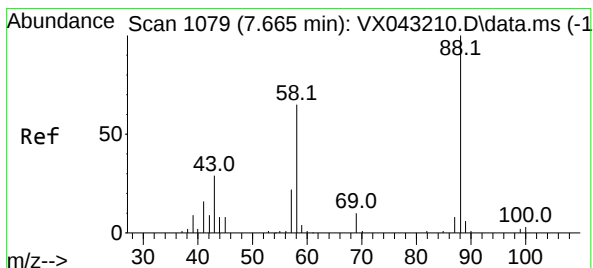
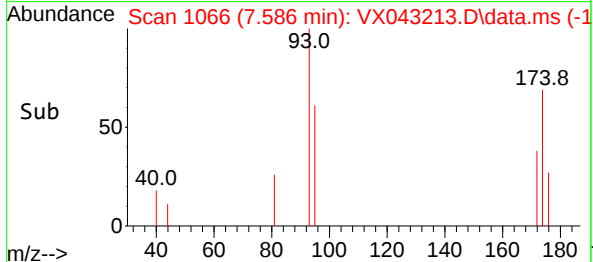
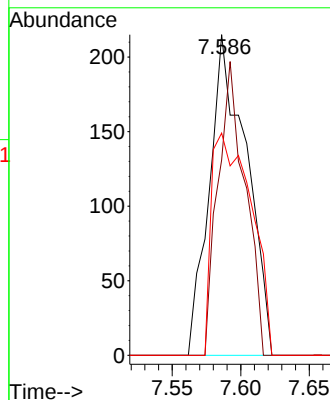
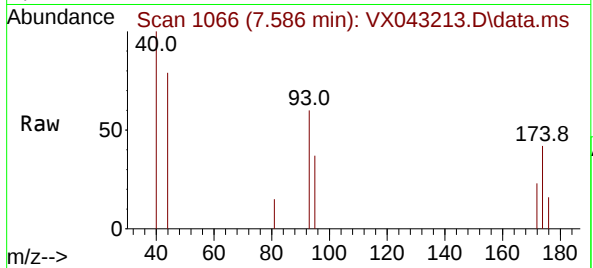




#46  
Dibromomethane  
Concen: 0.481 ug/l  
RT: 7.586 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

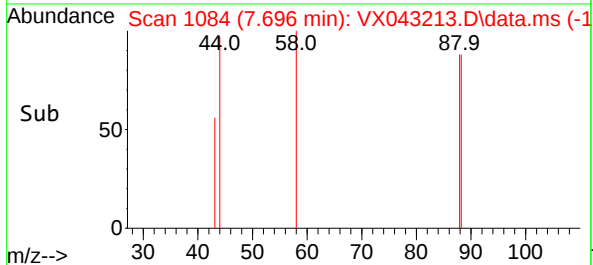
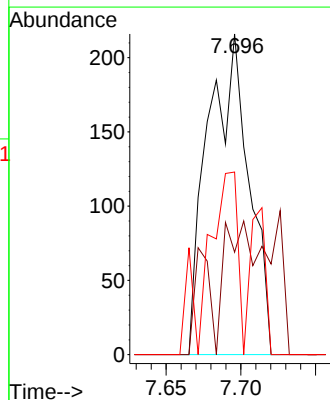
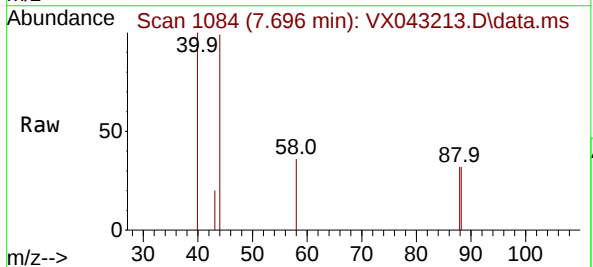
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

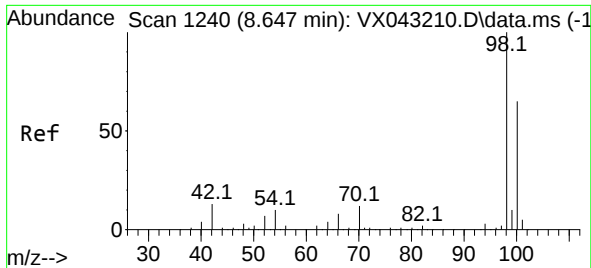
Tgt Ion: 93 Resp: 404  
Ion Ratio Lower Upper  
93 100  
95 66.8 65.8 98.8  
174 74.5 74.5 111.7



#49  
1,4-Dioxane  
Concen: 15.508 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.012 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 88 Resp: 413  
Ion Ratio Lower Upper  
88 100  
43 27.4 29.5 44.3#  
58 42.1 55.2 82.8#

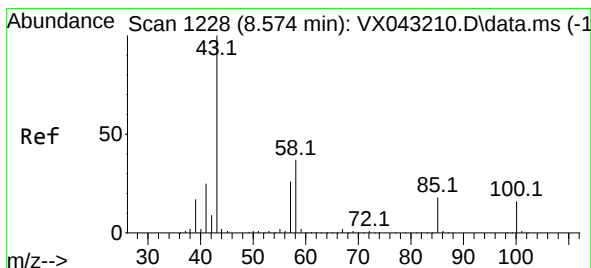
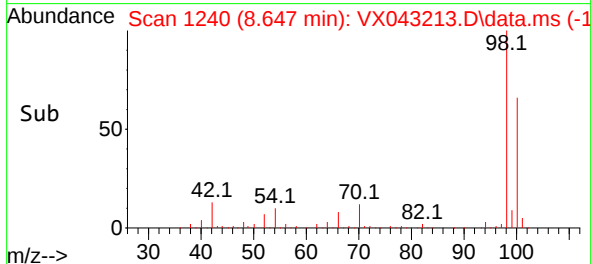
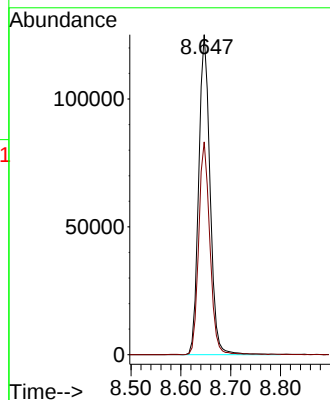
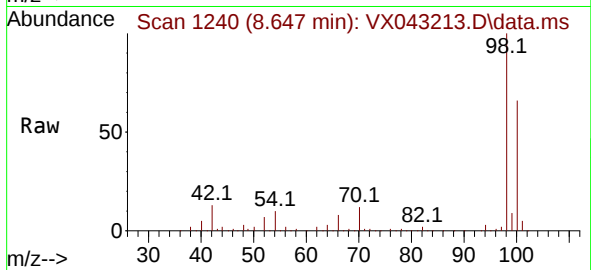




#50  
Toluene-d8  
Concen: 51.169 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

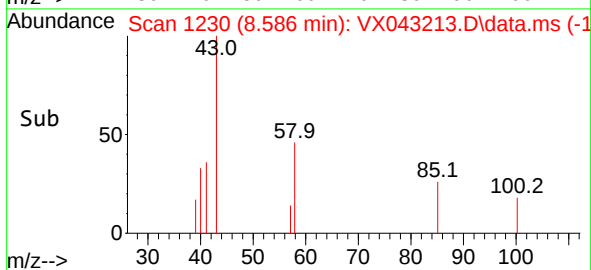
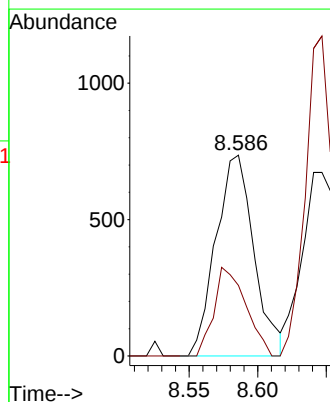
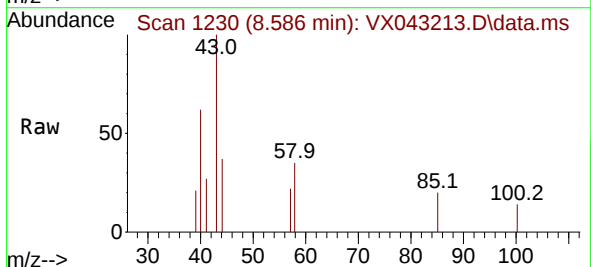
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

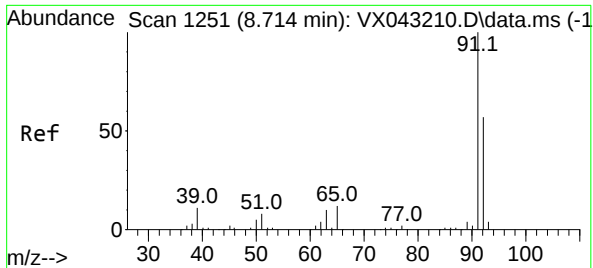
Tgt Ion: 98 Resp: 197589  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.4 78.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.839 ug/l  
RT: 8.586 min Scan# 1230  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 43 Resp: 1423  
Ion Ratio Lower Upper  
43 100  
58 37.0 30.0 45.0





#52

Toluene

Concen: 0.421 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

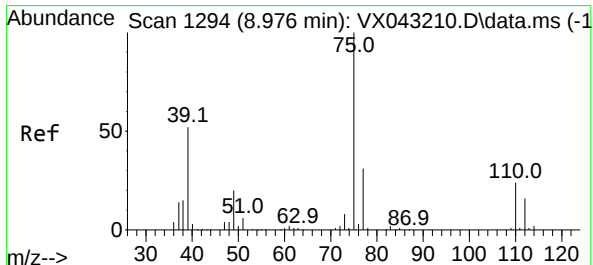
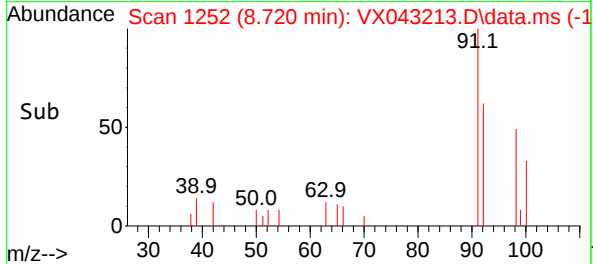
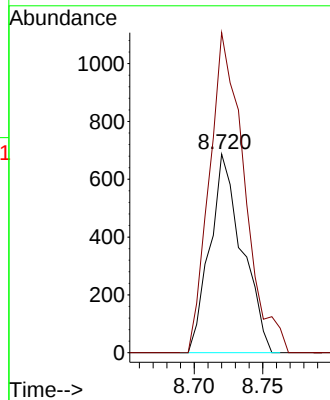
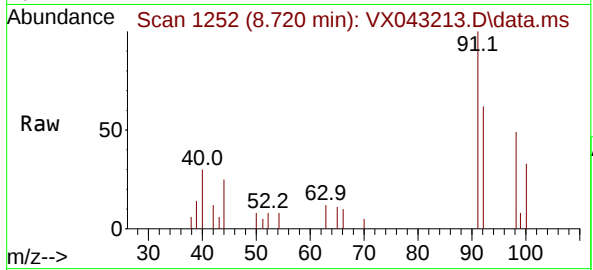
IBLK

Tgt Ion: 92 Resp: 1125

Ion Ratio Lower Upper

92 100

91 174.6 137.0 205.4



#53

t-1,3-Dichloropropene

Concen: 0.498 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VX043213.D

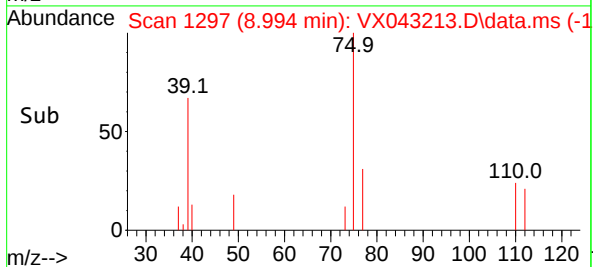
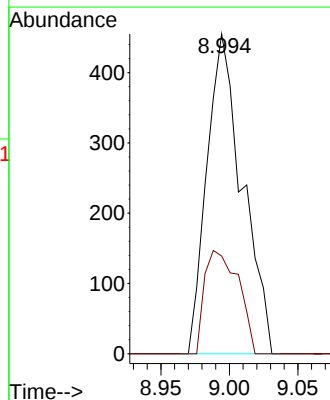
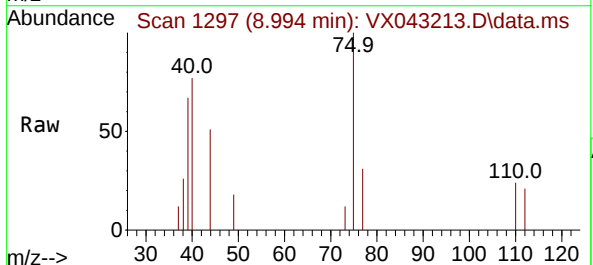
Acq: 01 Oct 2024 13:55

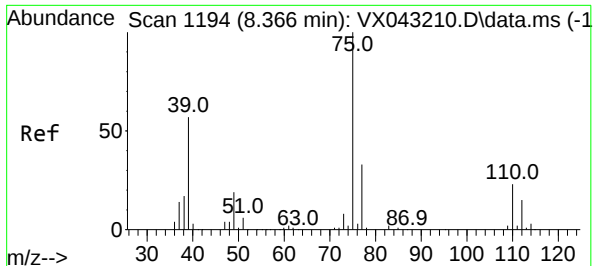
Tgt Ion: 75 Resp: 817

Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7

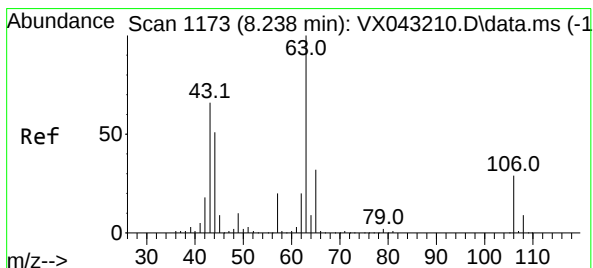
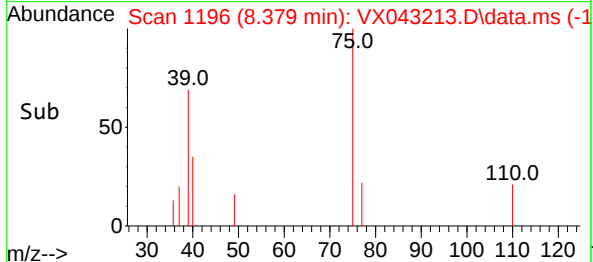
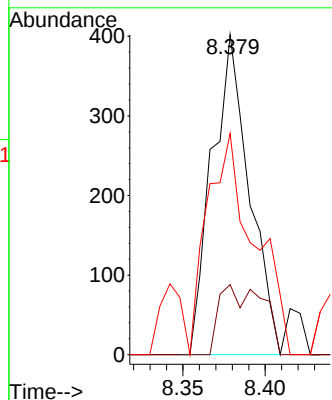
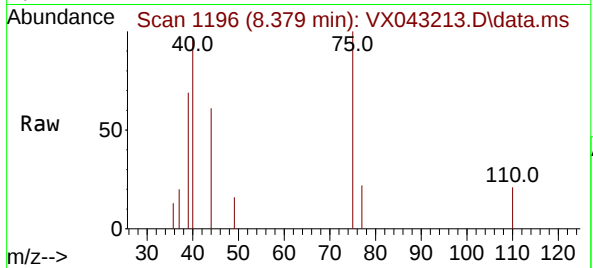




#54  
 cis-1,3-Dichloropropene  
 Concen: 0.361 ug/l  
 RT: 8.379 min Scan# 1196  
 Delta R.T. 0.006 min  
 Lab File: VX043213.D  
 Acq: 01 Oct 2024 13:55

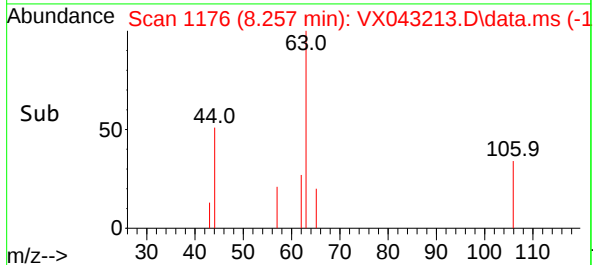
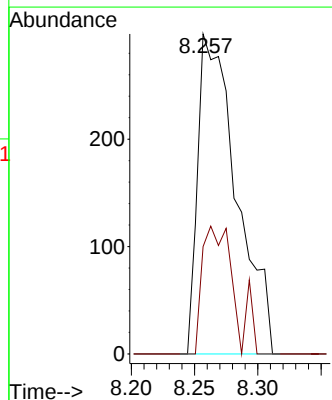
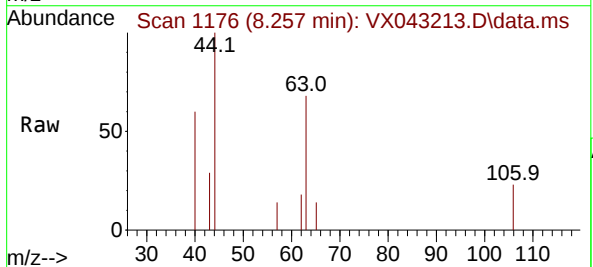
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

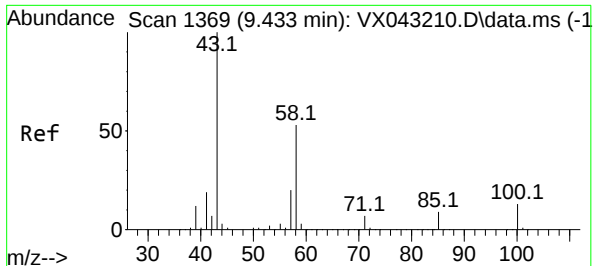
Tgt Ion: 75 Resp: 635  
 Ion Ratio Lower Upper  
 75 100  
 77 21.9 26.0 39.0#  
 39 51.2 45.8 68.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 0.811 ug/l  
 RT: 8.257 min Scan# 1176  
 Delta R.T. 0.006 min  
 Lab File: VX043213.D  
 Acq: 01 Oct 2024 13:55

Tgt Ion: 63 Resp: 635  
 Ion Ratio Lower Upper  
 63 100  
 106 28.5 23.7 35.5





#59

2-Hexanone

Concen: 1.633 ug/l

RT: 9.452 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

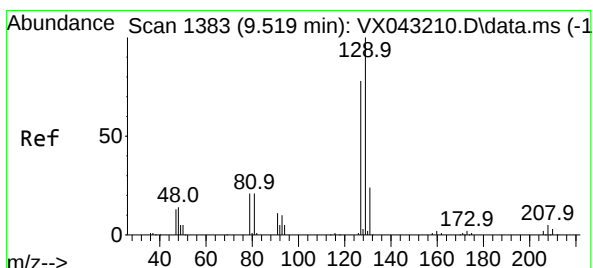
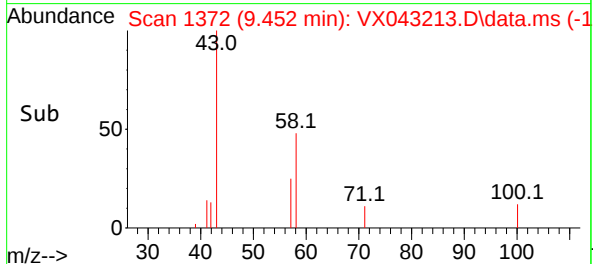
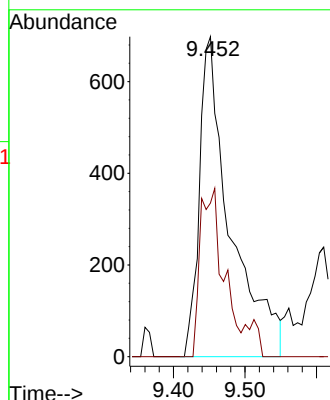
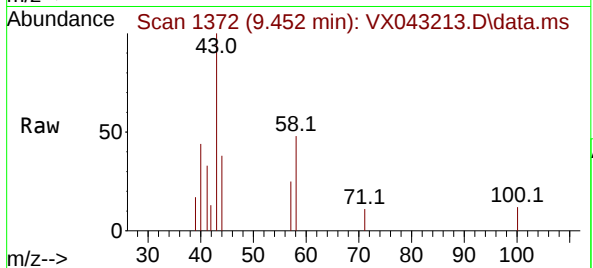
IBLK

Tgt Ion: 43 Resp: 2094

Ion Ratio Lower Upper

43 100

58 39.4 26.1 78.3



#60

Dibromochloromethane

Concen: 0.223 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX043213.D

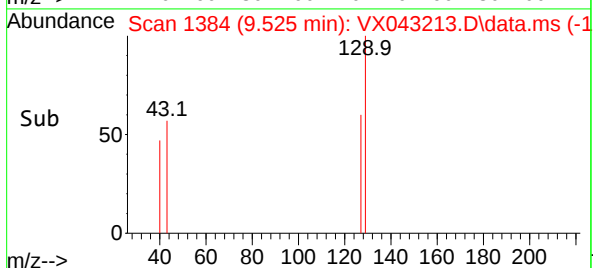
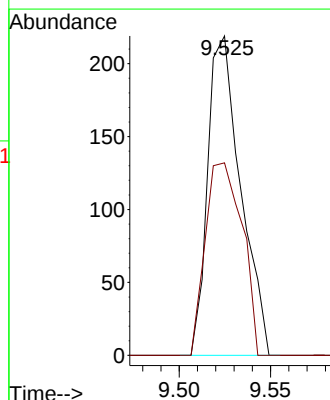
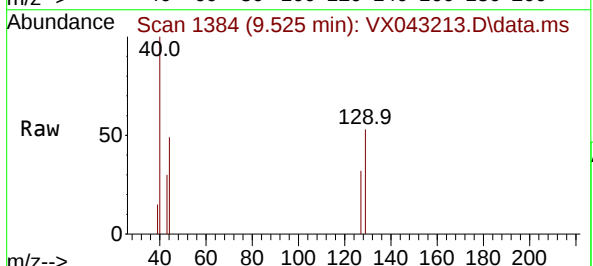
Acq: 01 Oct 2024 13:55

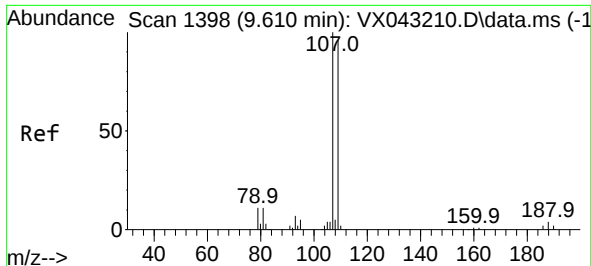
Tgt Ion: 129 Resp: 275

Ion Ratio Lower Upper

129 100

127 67.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 0.400 ug/l

RT: 9.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

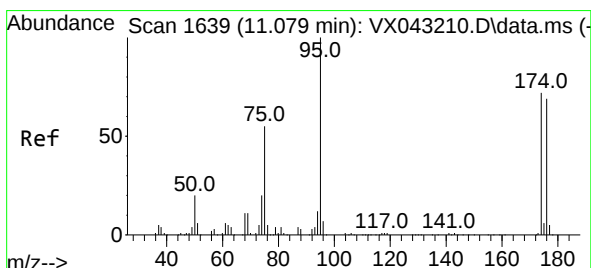
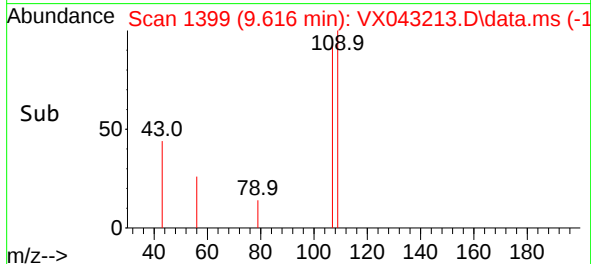
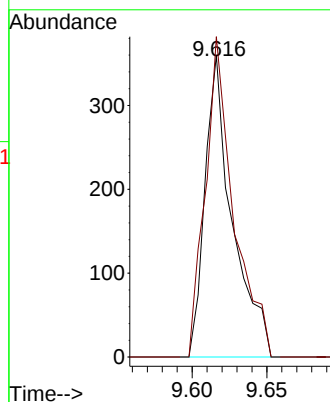
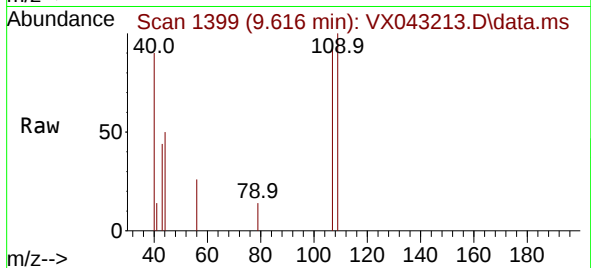
IBLK

Tgt Ion:107 Resp: 457

Ion Ratio Lower Upper

107 100

109 110.1 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 50.648 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

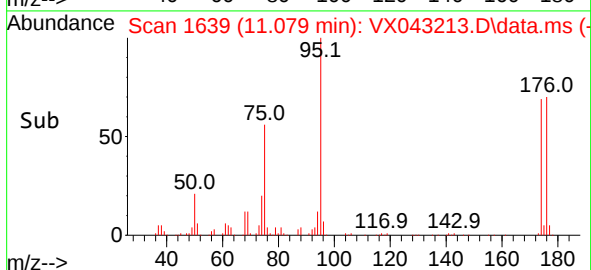
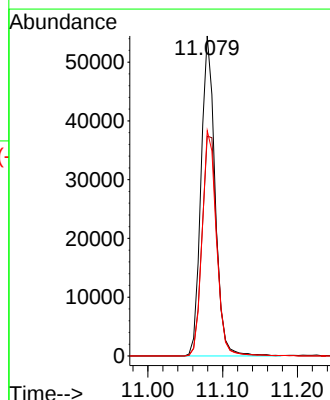
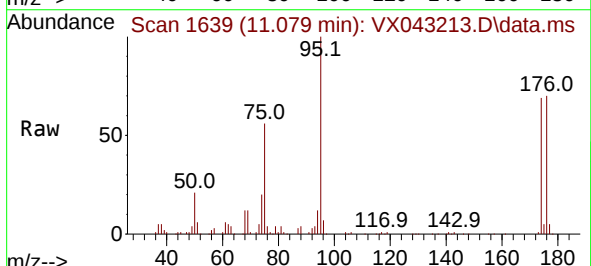
Tgt Ion: 95 Resp: 71052

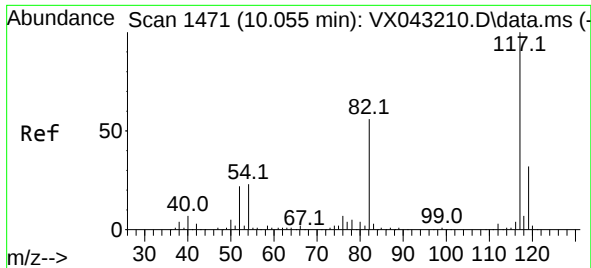
Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.0

176 71.4 0.0 143.0

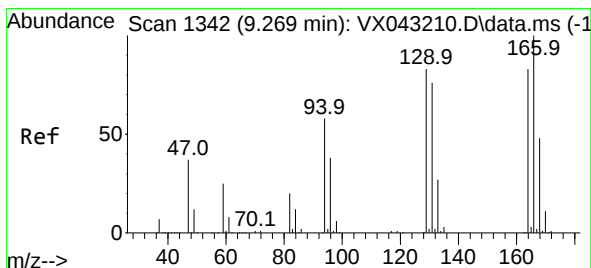
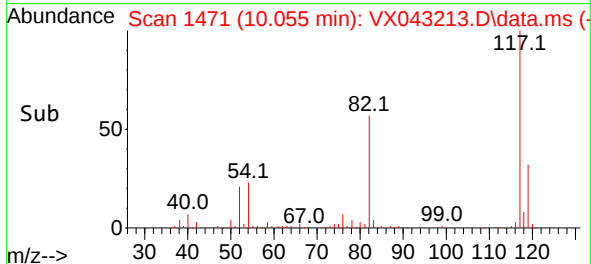
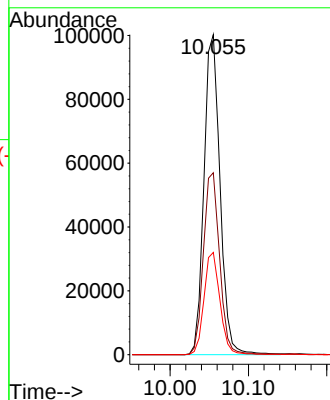
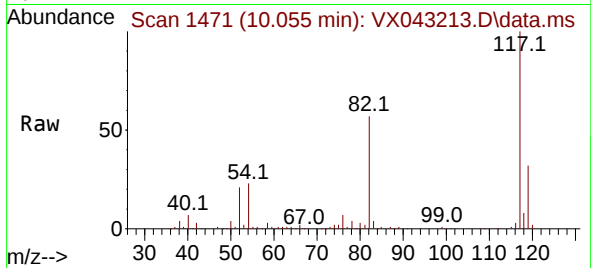




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

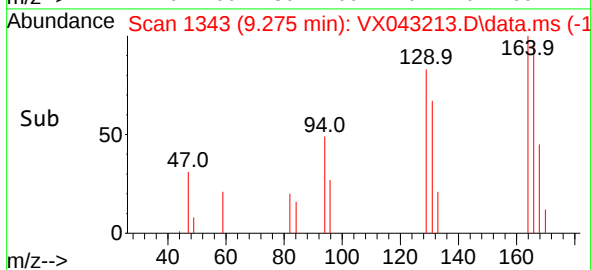
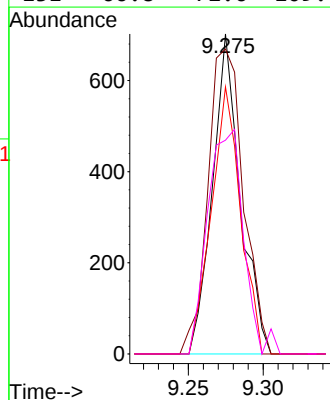
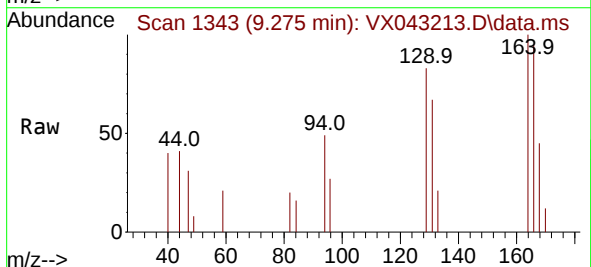
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

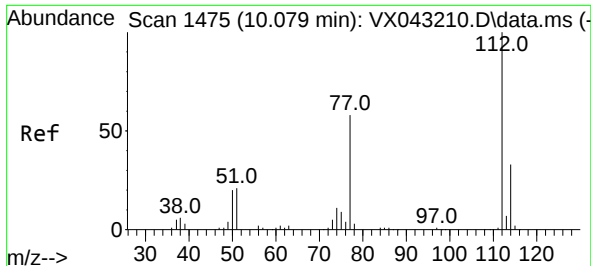
Tgt Ion:117 Resp: 142883  
Ion Ratio Lower Upper  
117 100  
82 56.9 45.0 67.6  
119 31.9 25.3 37.9



#64  
Tetrachloroethene  
Concen: 0.914 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion:164 Resp: 906  
Ion Ratio Lower Upper  
164 100  
166 95.3 96.0 144.0#  
129 83.5 79.4 119.0  
131 66.8 72.6 109.0#

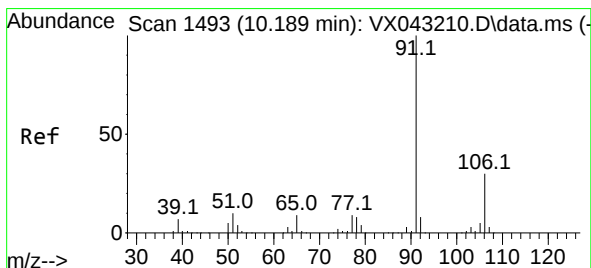
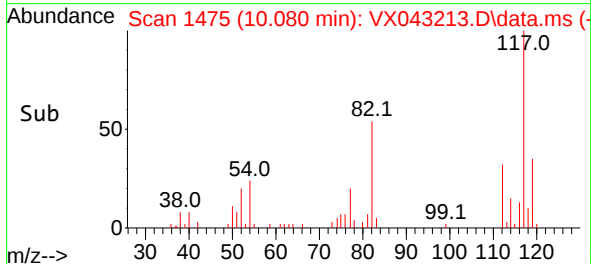
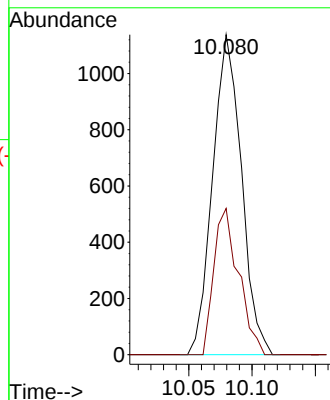
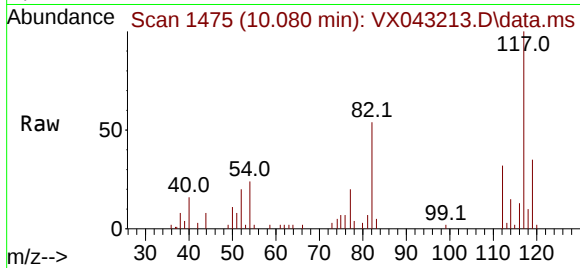




#65  
Chlorobenzene  
Concen: 0.586 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

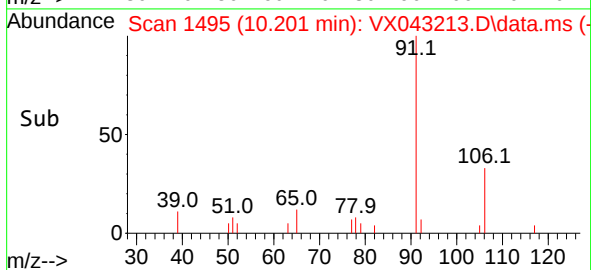
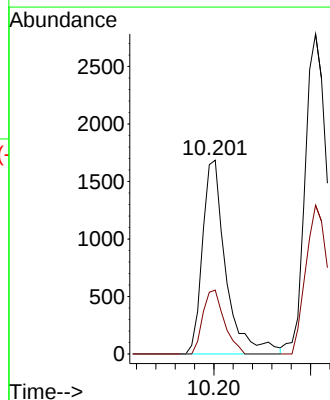
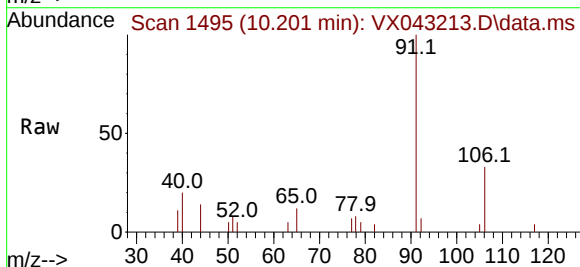
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

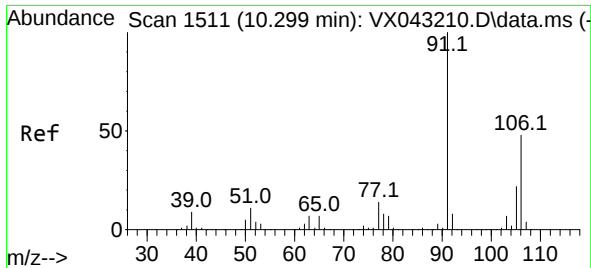
Tgt Ion:112 Resp: 1801  
Ion Ratio Lower Upper  
112 100  
114 45.7 26.4 39.6#



#67  
Ethyl Benzene  
Concen: 0.534 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 91 Resp: 2837  
Ion Ratio Lower Upper  
91 100  
106 33.0 23.9 35.9

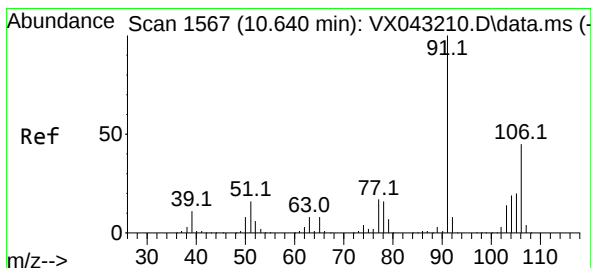
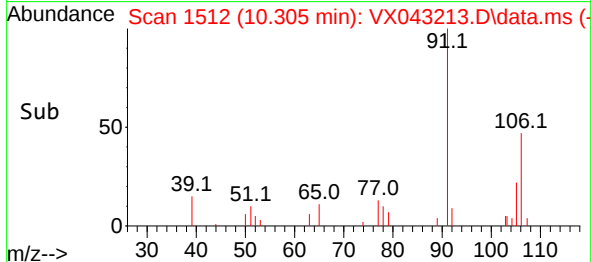
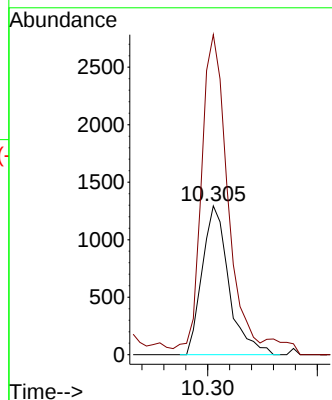
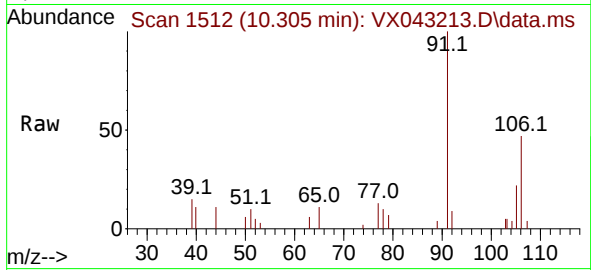




#68  
m/p-Xylenes  
Concen: 1.088 ug/l  
RT: 10.305 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

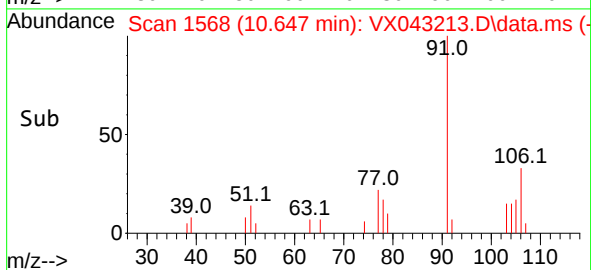
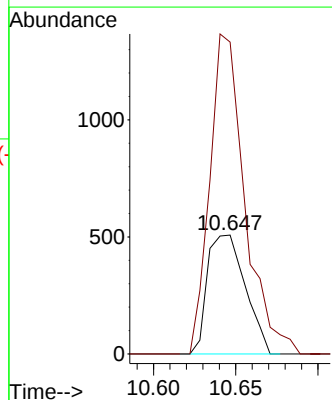
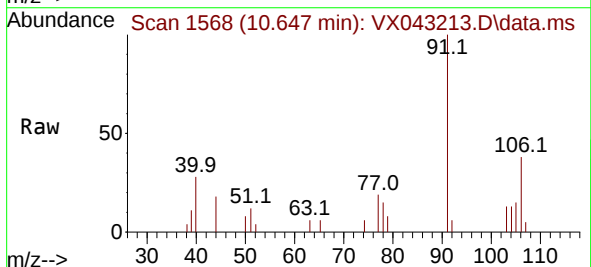
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MSVOA\_X  
ClientSampleId :  
IBLK

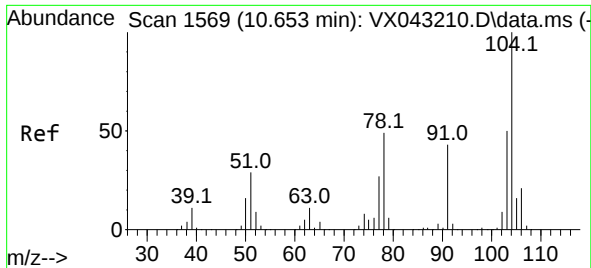
Tgt Ion:106 Resp: 2184  
Ion Ratio Lower Upper  
106 100  
91 200.5 167.0 250.6



#69  
o-Xylene  
Concen: 0.408 ug/l  
RT: 10.647 min Scan# 1568  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion:106 Resp: 813  
Ion Ratio Lower Upper  
106 100  
91 249.6 111.6 334.8

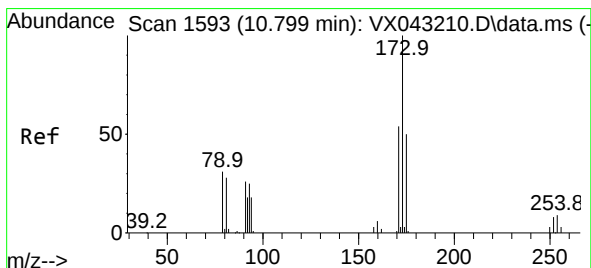
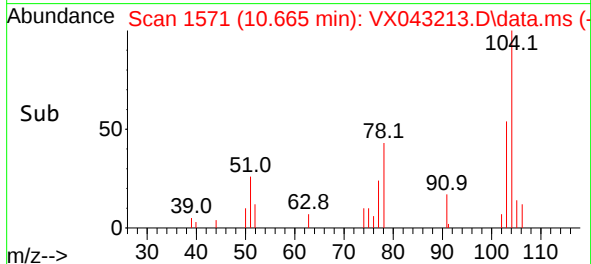
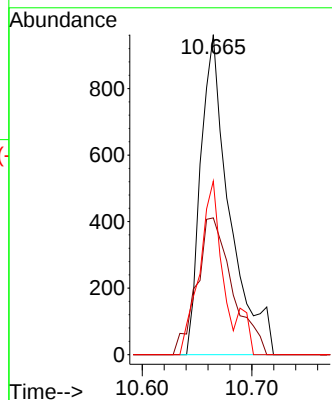
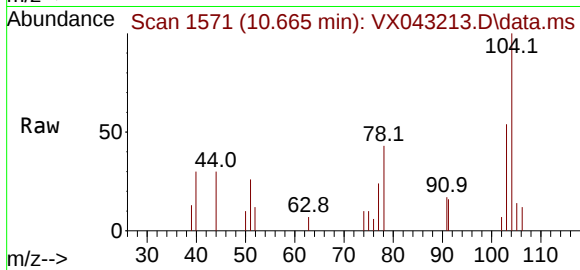




#70  
Styrene  
Concen: 0.542 ug/l  
RT: 10.665 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

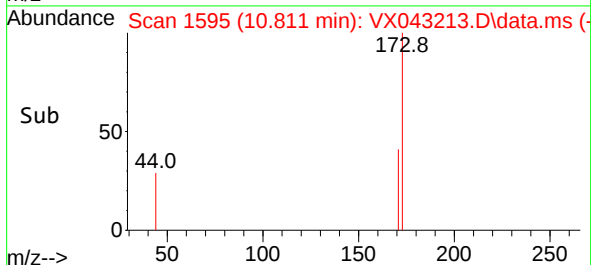
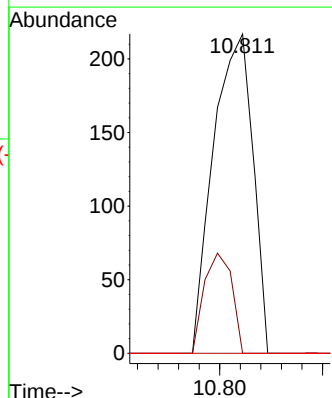
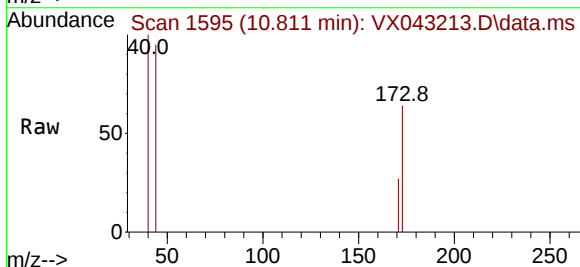
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

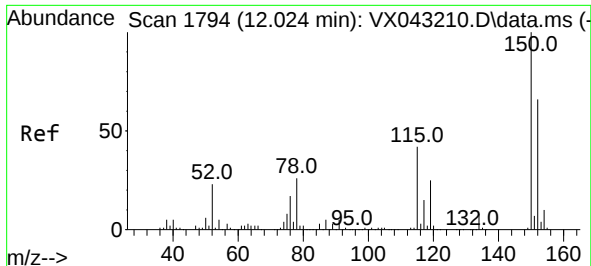
Tgt Ion:104 Resp: 1751  
Ion Ratio Lower Upper  
104 100  
78 53.1 43.5 65.3  
103 47.2 43.9 65.9



#71  
Bromoform  
Concen: 0.347 ug/l  
RT: 10.811 min Scan# 1595  
Delta R.T. 0.012 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion:173 Resp: 289  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.3 72.9#  
254 0.0 0.0 0.0

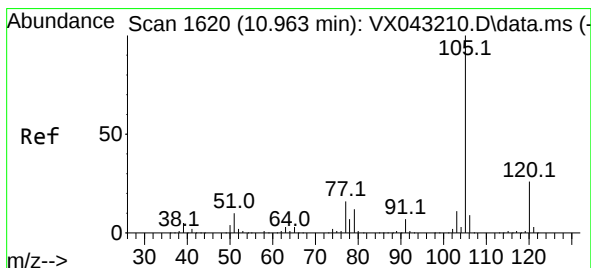
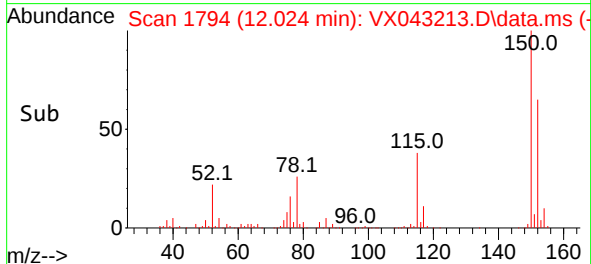
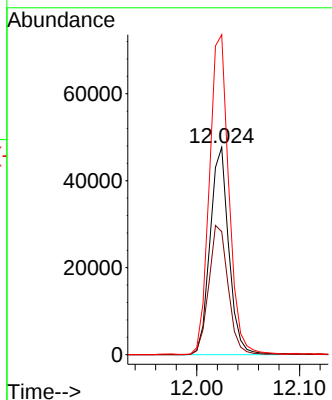
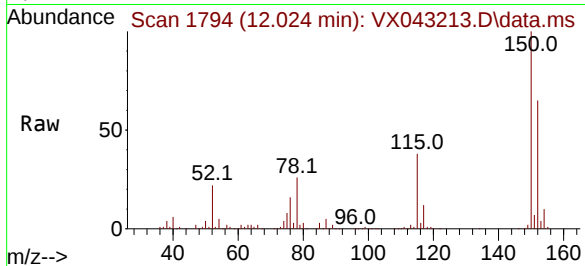




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

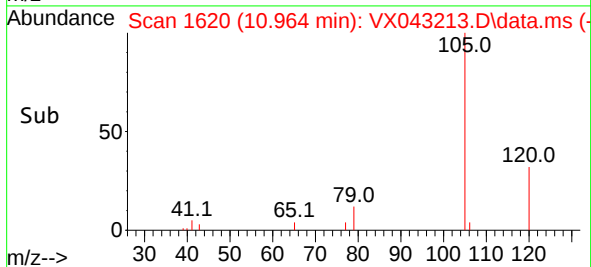
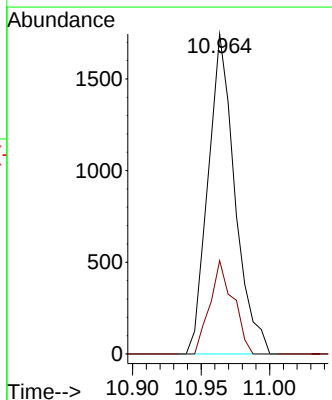
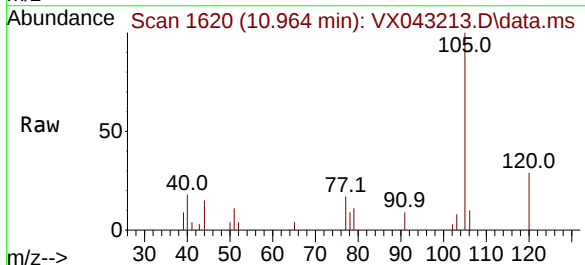
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

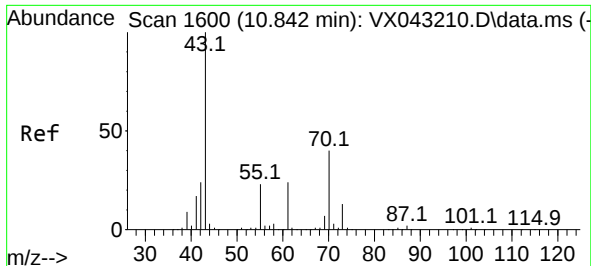
Tgt Ion:152 Resp: 60367  
Ion Ratio Lower Upper  
152 100  
115 64.6 44.1 132.3  
150 159.7 0.0 347.4



#73  
Isopropylbenzene  
Concen: 0.506 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion:105 Resp: 2374  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.9 38.7

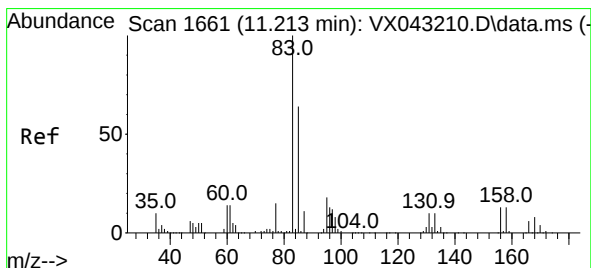
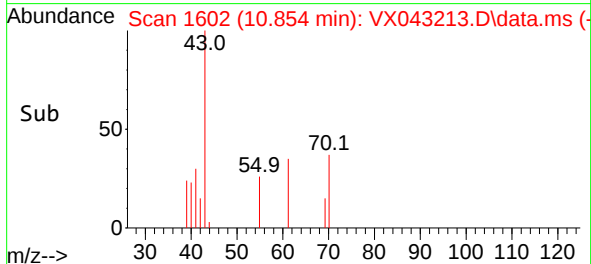
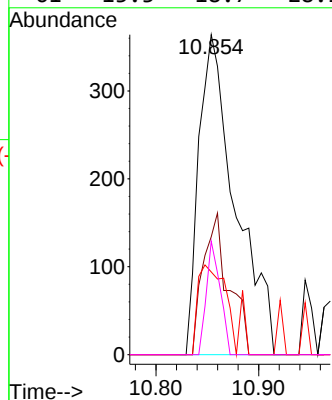
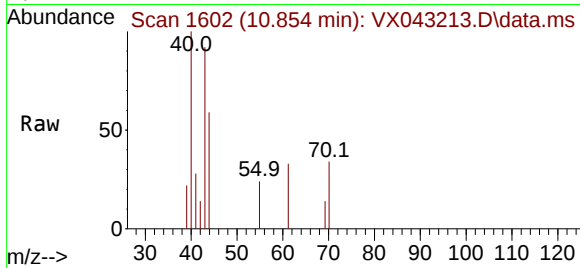




#74  
N-amy1 acetate  
Concen: 0.405 ug/l  
RT: 10.854 min Scan# 1602  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

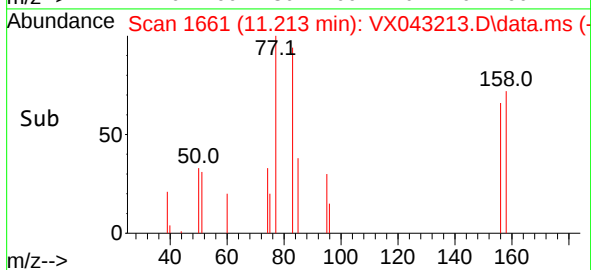
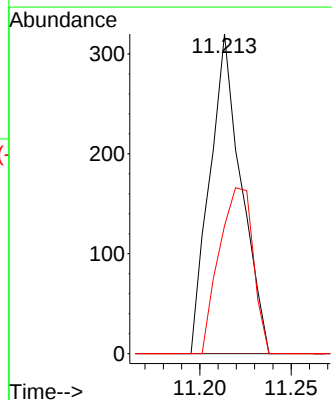
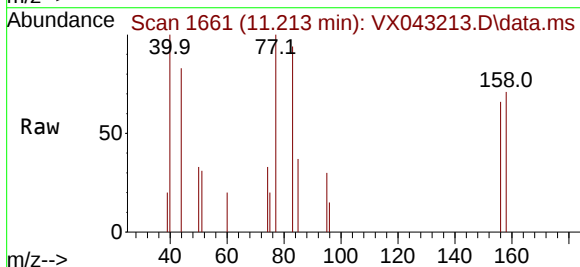
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

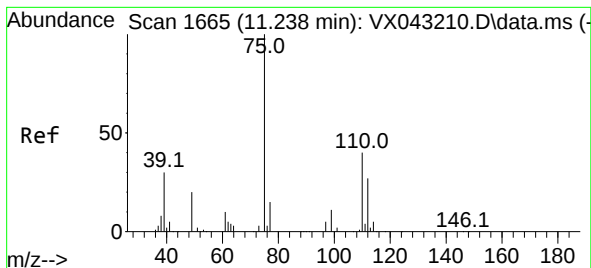
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 902         |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 70          | 30.9  | 33.1 49.7#  |
| 55          | 20.7  | 18.6 27.8   |
| 61          | 13.3  | 18.7 28.1#  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.250 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 83 | Resp: | 383         |
| Ion         | Ratio | Lower Upper |
| 83          | 100   |             |
| 131         | 0.0   | 5.2 15.6#   |
| 85          | 55.9  | 31.9 95.5   |





#76

1,2,3-Trichloropropane

Concen: 29.372 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.164 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

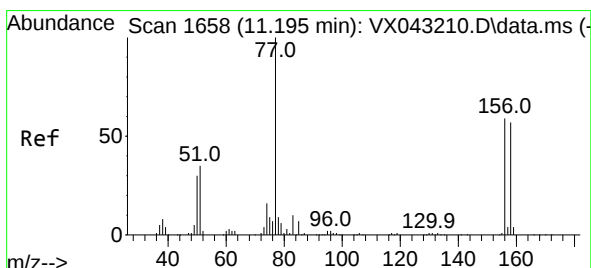
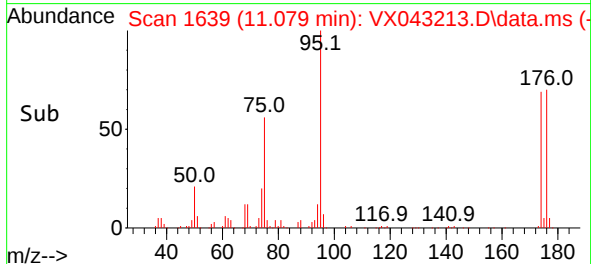
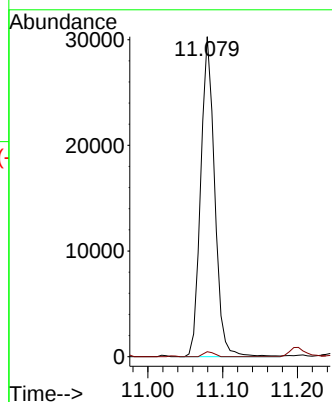
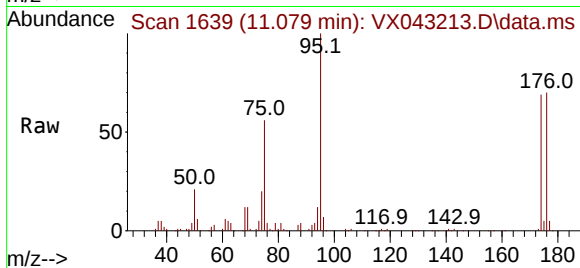
IBLK

Tgt Ion: 75 Resp: 39329

Ion Ratio Lower Upper

75 100

77 1.2 22.0 66.0#



#77

Bromobenzene

Concen: 0.805 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

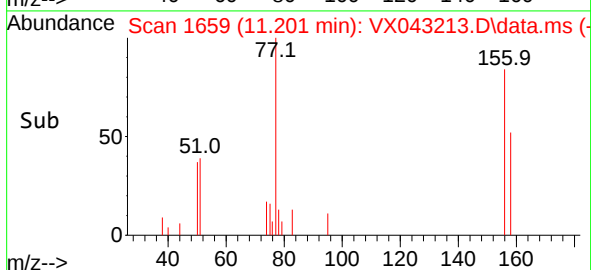
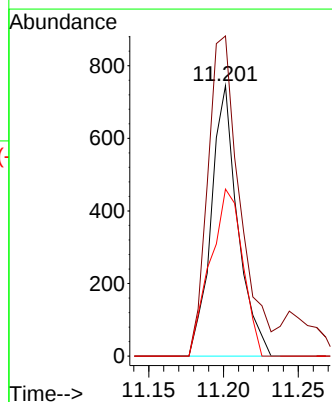
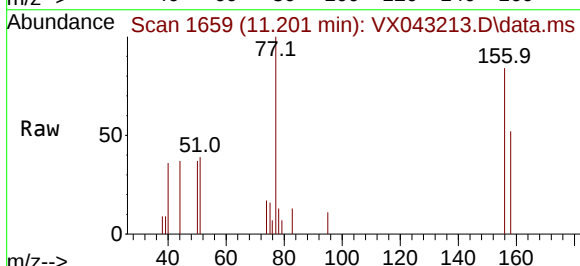
Tgt Ion:156 Resp: 919

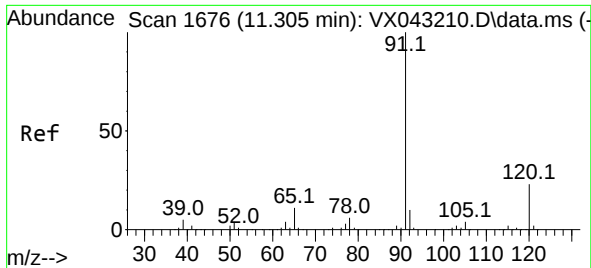
Ion Ratio Lower Upper

156 100

77 143.4 82.0 245.8

158 75.3 48.1 144.3

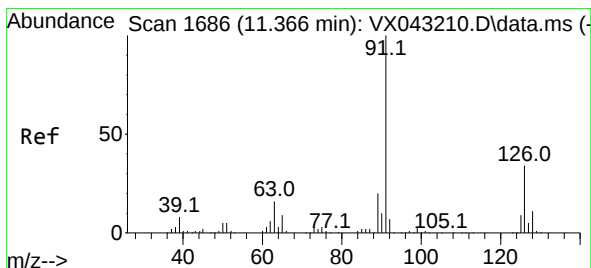
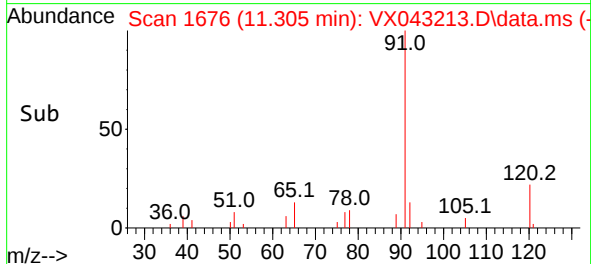
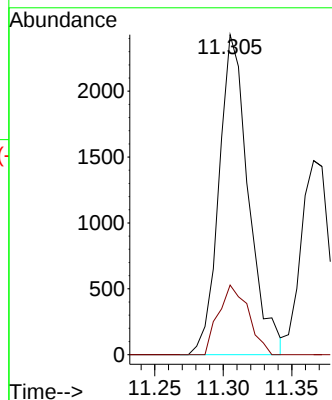
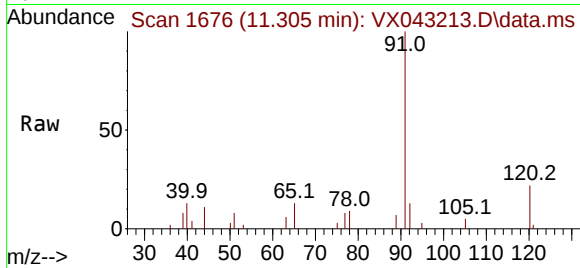




#78  
n-propylbenzene  
Concen: 0.707 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

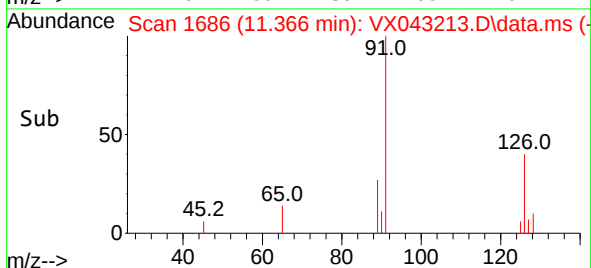
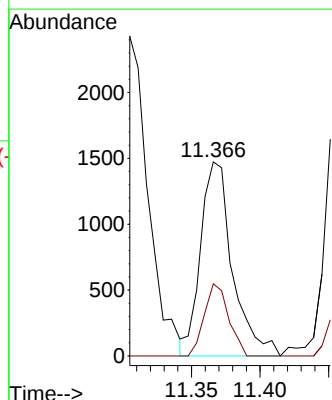
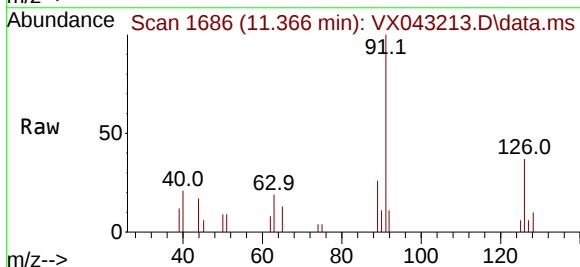
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

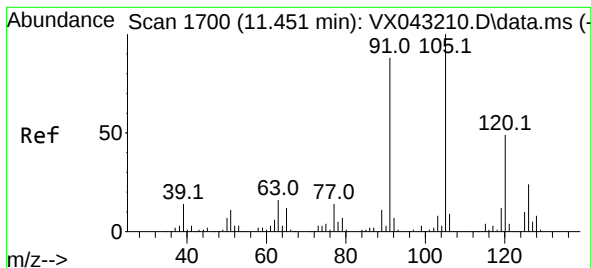
Tgt Ion: 91 Resp: 3644  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.4 34.1



#79  
2-Chlorotoluene  
Concen: 0.720 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 91 Resp: 2384  
Ion Ratio Lower Upper  
91 100  
126 28.4 16.6 49.7





#80

1,3,5-Trimethylbenzene

Concen: 0.599 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

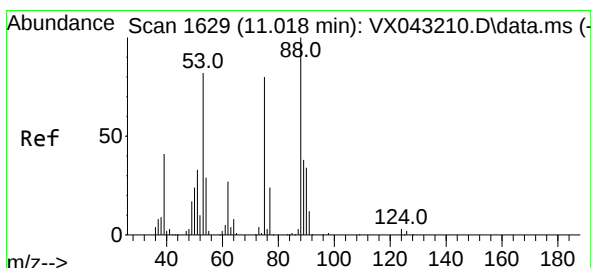
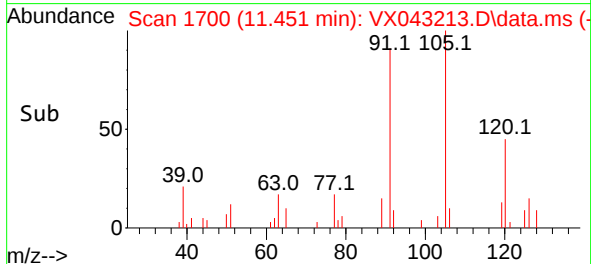
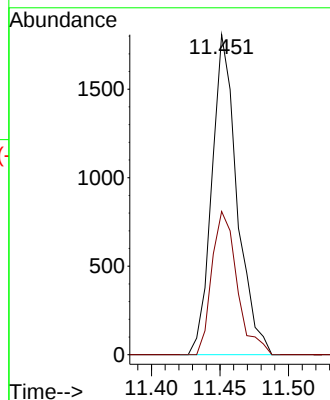
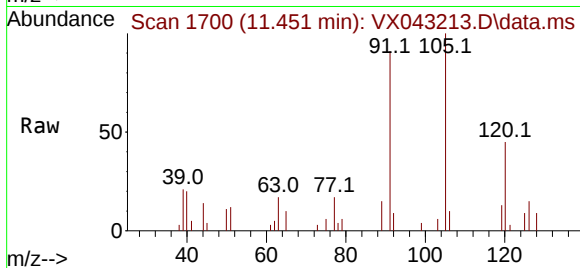
IBLK

Tgt Ion:105 Resp: 2318

Ion Ratio Lower Upper

105 100

120 44.7 23.9 71.8



#81

trans-1,4-Dichloro-2-butene

Concen: 76.121 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

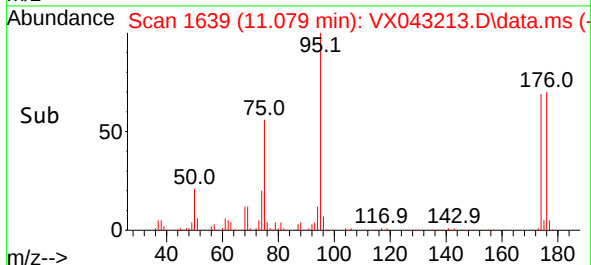
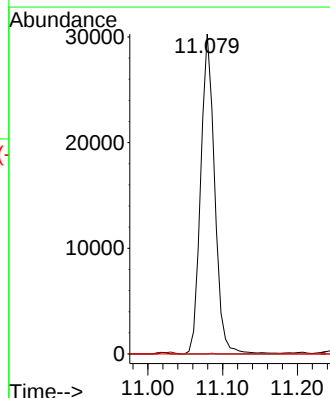
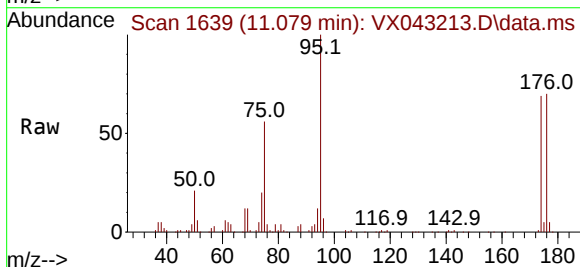
Tgt Ion: 75 Resp: 39329

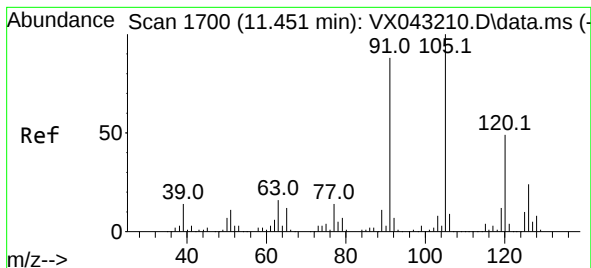
Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

89 0.1 38.6 58.0#

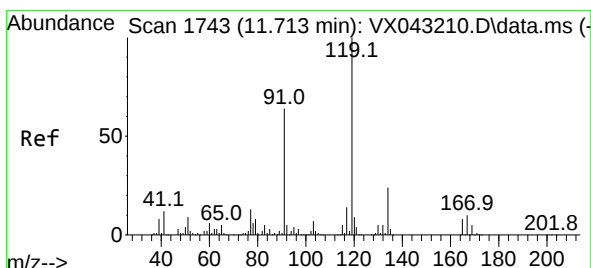
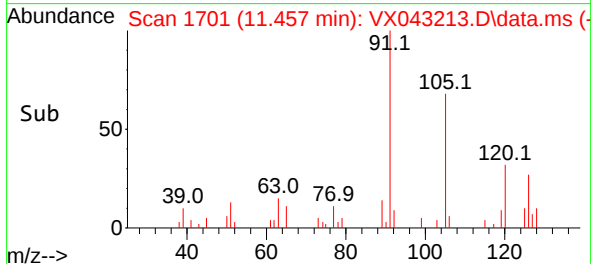
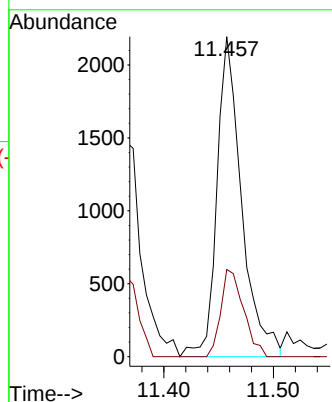
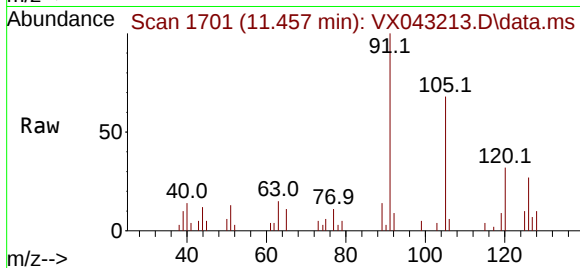




#82  
4-Chlorotoluene  
Concen: 0.910 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

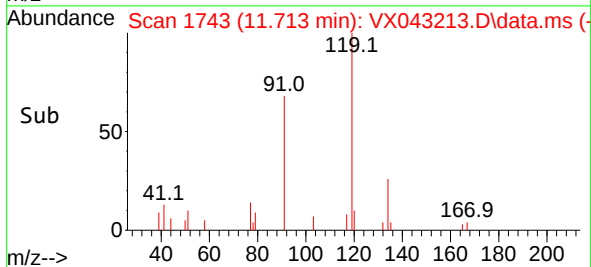
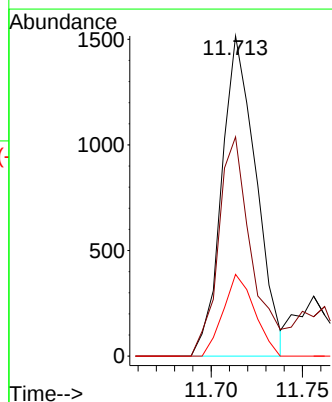
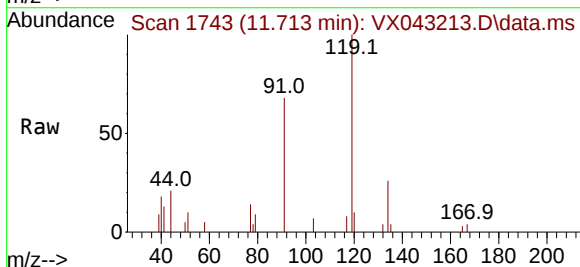
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

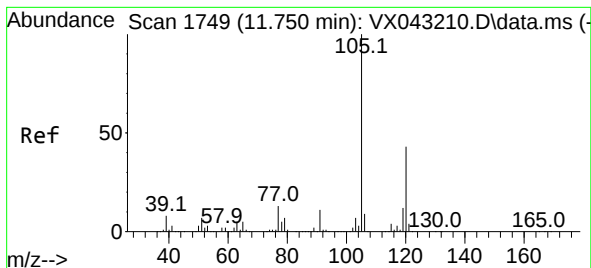
Tgt Ion: 91 Resp: 3432  
Ion Ratio Lower Upper  
91 100  
126 25.1 14.1 42.3



#83  
tert-Butylbenzene  
Concen: 0.497 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 119 Resp: 1984  
Ion Ratio Lower Upper  
119 100  
91 65.9 31.0 93.0  
134 23.3 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 0.642 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

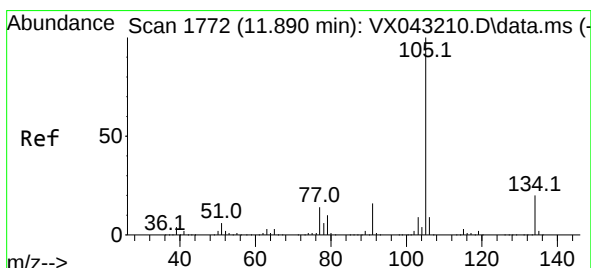
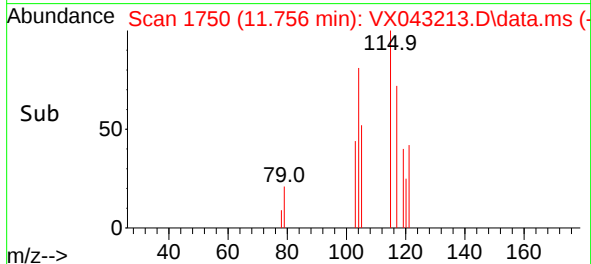
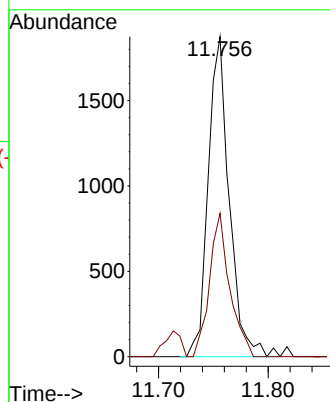
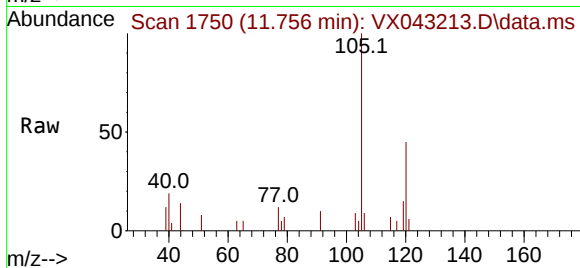
IBLK

Tgt Ion:105 Resp: 2501

Ion Ratio Lower Upper

105 100

120 43.1 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.645 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043213.D

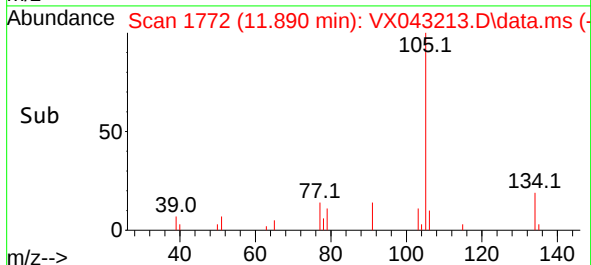
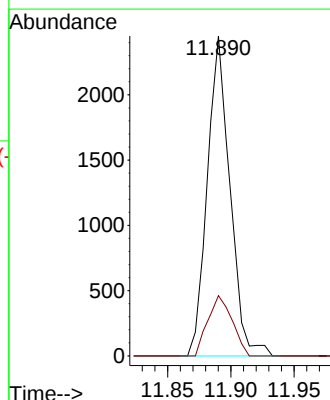
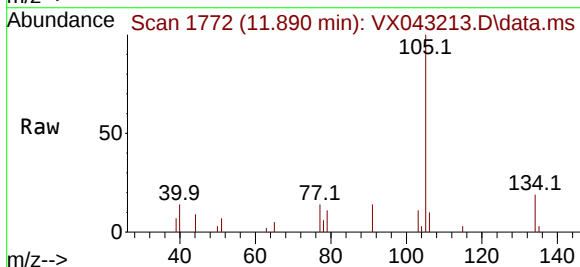
Acq: 01 Oct 2024 13:55

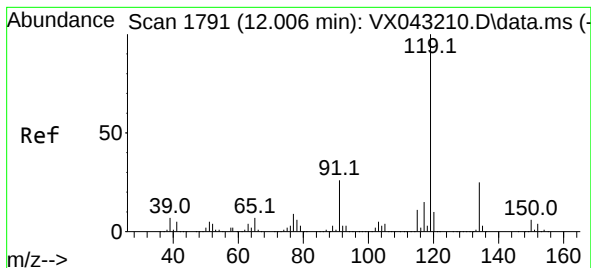
Tgt Ion:105 Resp: 3050

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1





#86

p-Isopropyltoluene

Concen: 0.707 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

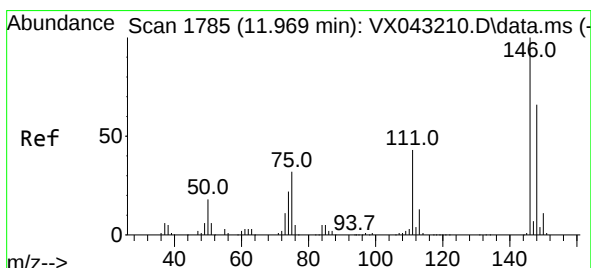
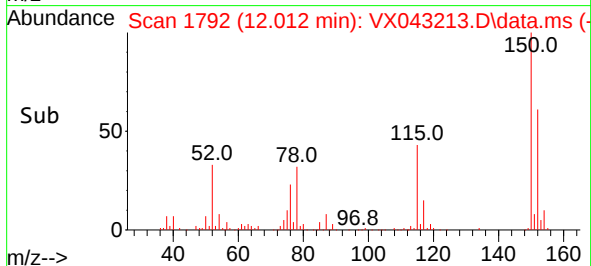
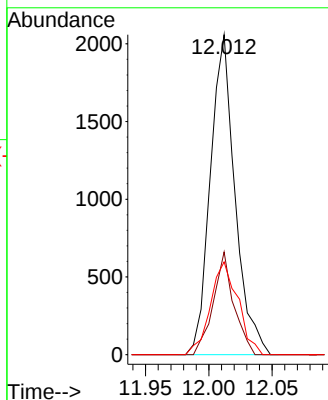
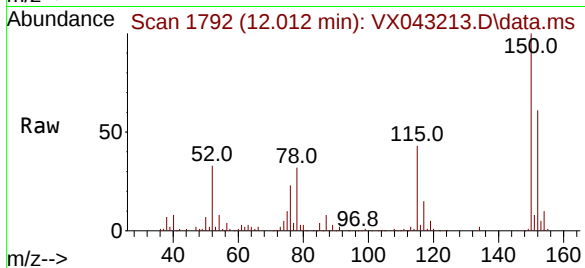
Tgt Ion:119 Resp: 2790

Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 32.4 13.0 39.0



#87

1,3-Dichlorobenzene

Concen: 1.092 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

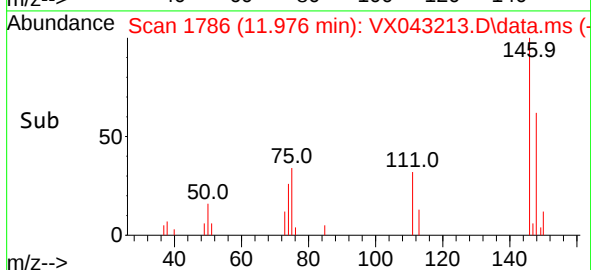
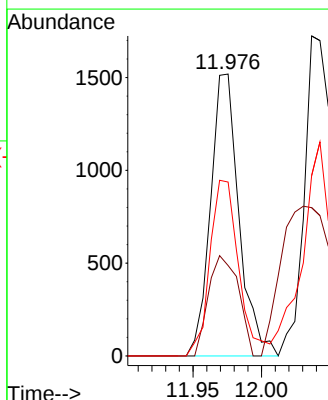
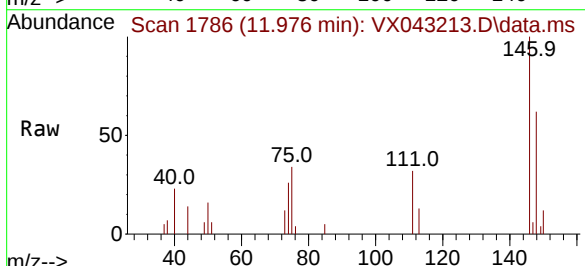
Tgt Ion:146 Resp: 2197

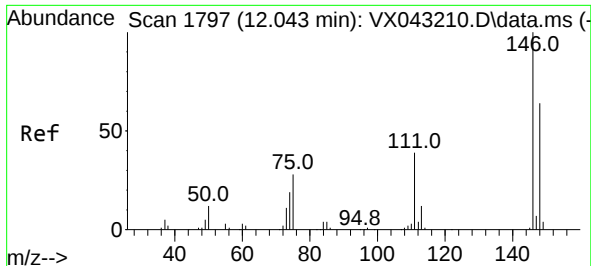
Ion Ratio Lower Upper

146 100

111 37.6 21.8 65.3

148 63.2 32.4 97.2

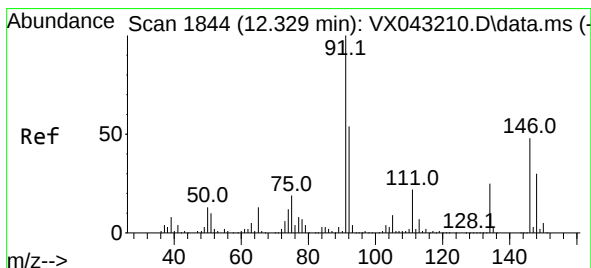
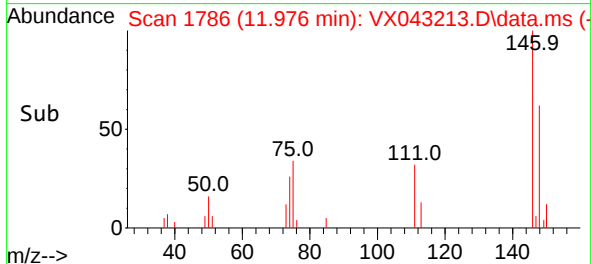
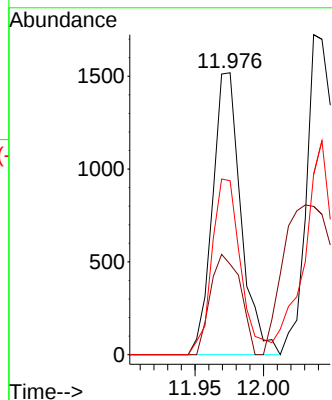
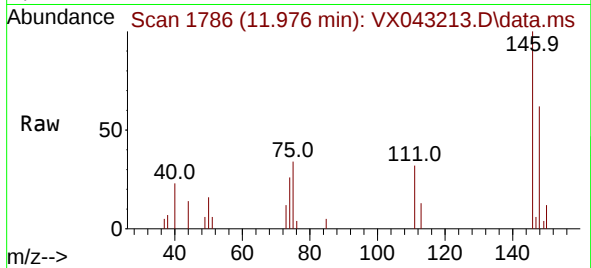




#88  
1,4-Dichlorobenzene  
Concen: 1.088 ug/l  
RT: 11.976 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

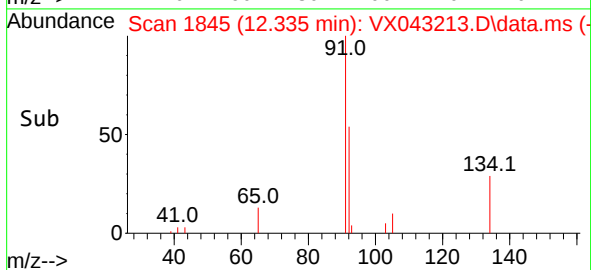
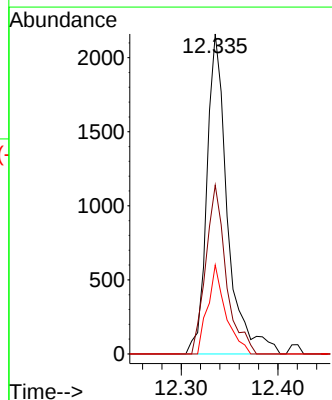
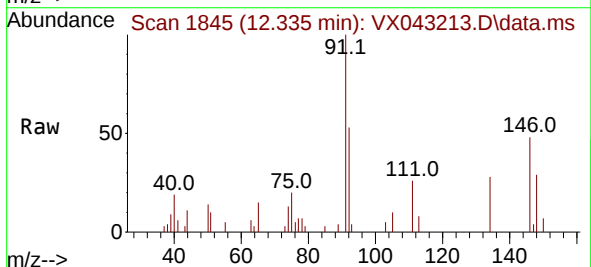
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

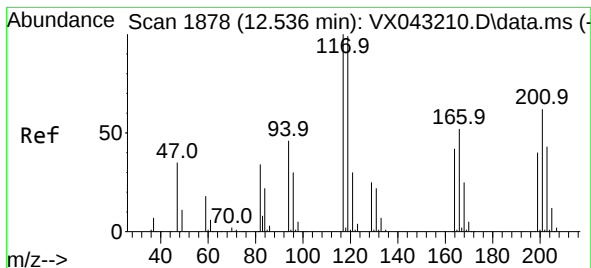
Tgt Ion:146 Resp: 2197  
Ion Ratio Lower Upper  
146 100  
111 37.6 20.8 62.5  
148 63.2 32.4 97.0



#89  
n-Butylbenzene  
Concen: 0.968 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 91 Resp: 3198  
Ion Ratio Lower Upper  
91 100  
92 52.2 27.0 81.0  
134 24.3 12.9 38.6





#90

Hexachloroethane

Concen: 0.354 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA\_X

ClientSampleId :

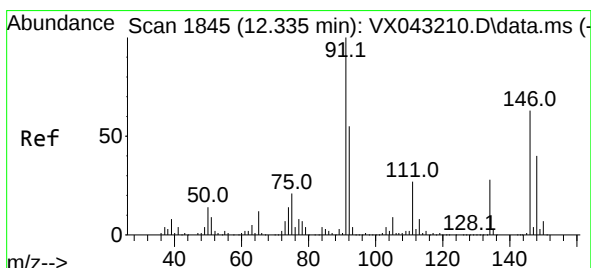
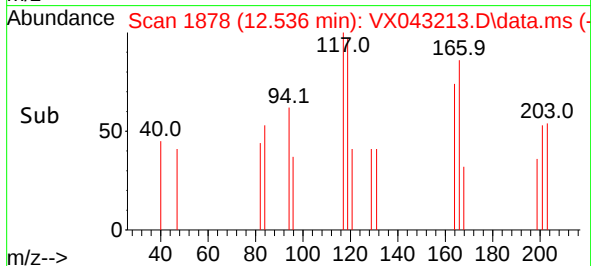
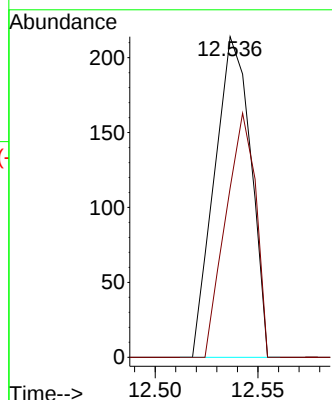
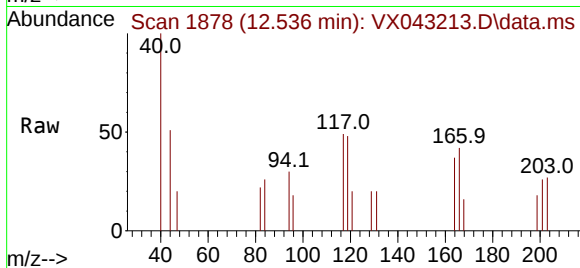
IBLK

Tgt Ion:117 Resp: 262

Ion Ratio Lower Upper

117 100

201 63.4 34.0 101.8



#91

1,2-Dichlorobenzene

Concen: 0.791 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

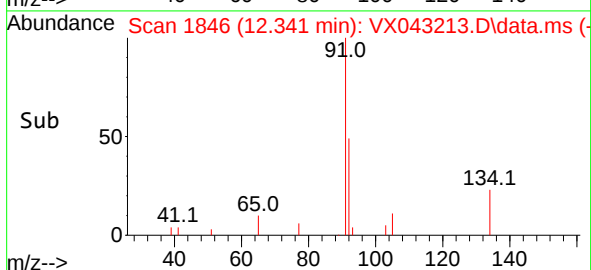
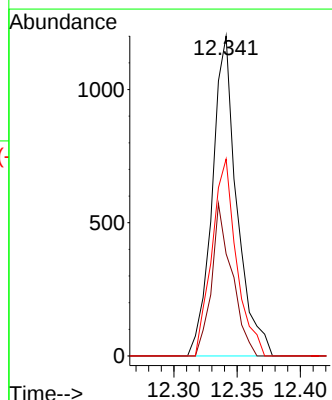
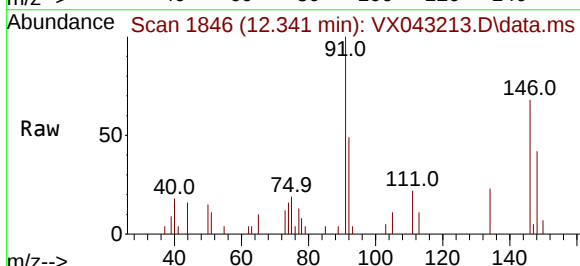
Tgt Ion:146 Resp: 1628

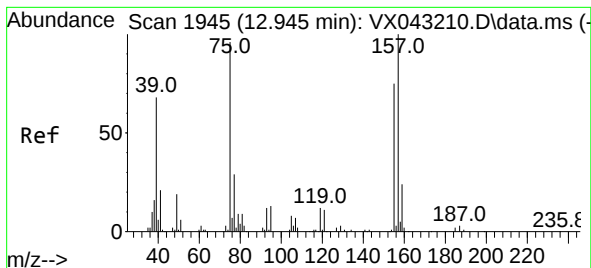
Ion Ratio Lower Upper

146 100

111 39.2 21.9 65.5

148 61.3 31.9 95.5

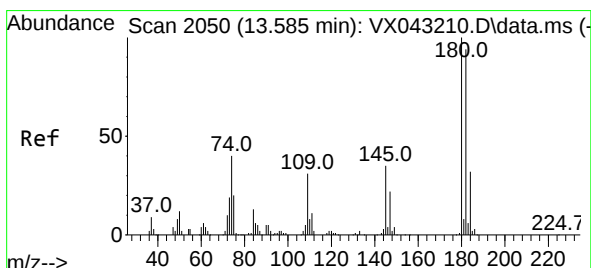
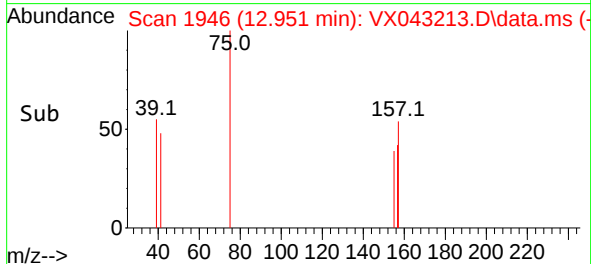
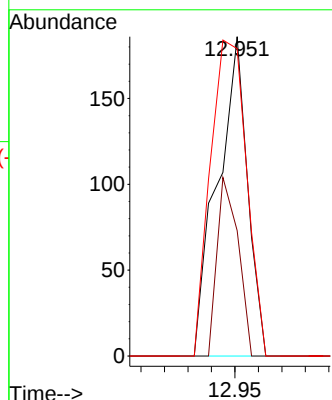
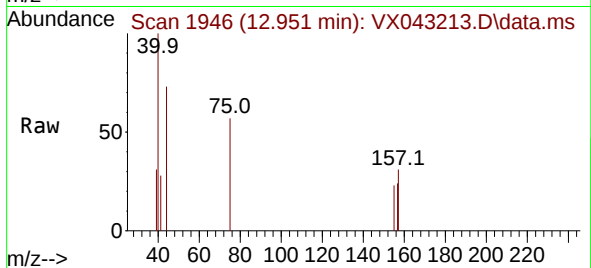




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.442 ug/l  
RT: 12.951 min Scan# 1946  
Delta R.T. 0.006 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

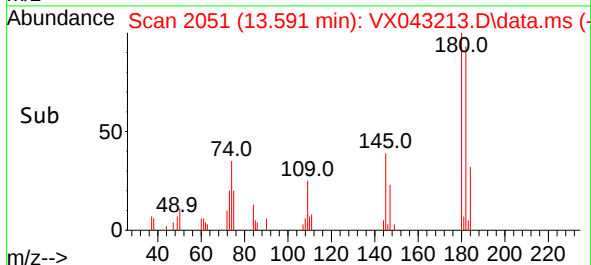
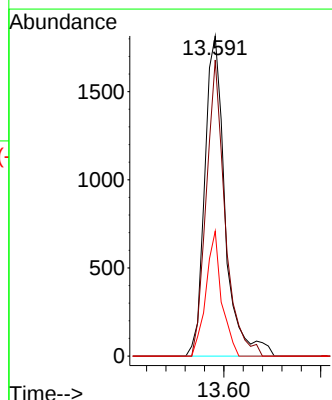
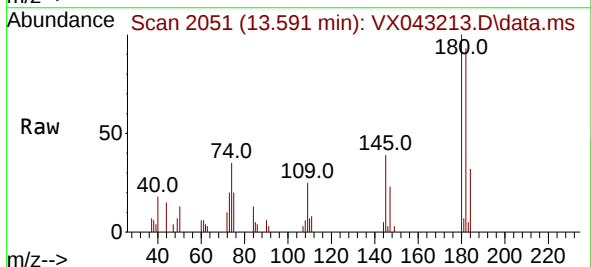
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

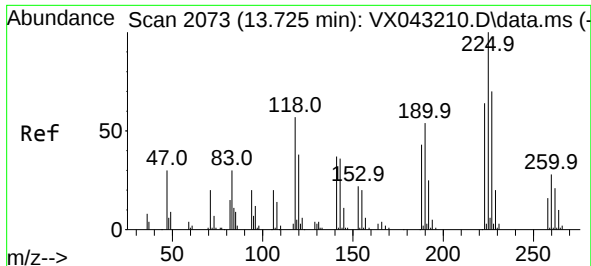
Tgt Ion: 75 Resp: 165  
Ion Ratio Lower Upper  
75 100  
155 39.4 38.8 116.4  
157 119.4 49.0 147.0



#93  
1,2,4-Trichlorobenzene  
Concen: 2.238 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

Tgt Ion: 180 Resp: 2655  
Ion Ratio Lower Upper  
180 100  
182 85.2 47.1 141.3  
145 30.2 16.6 49.8

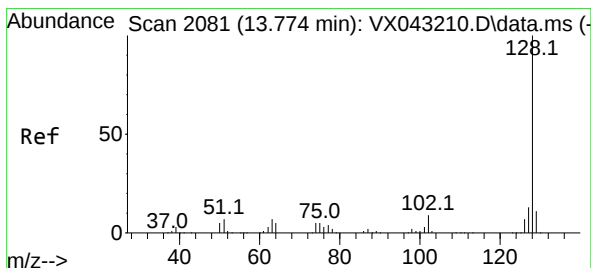
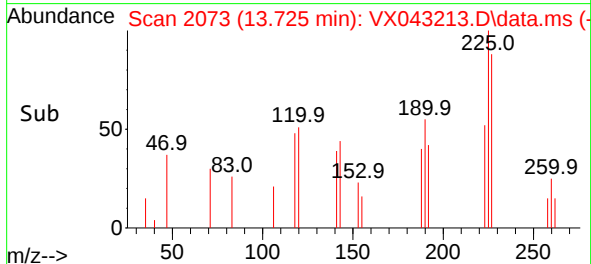
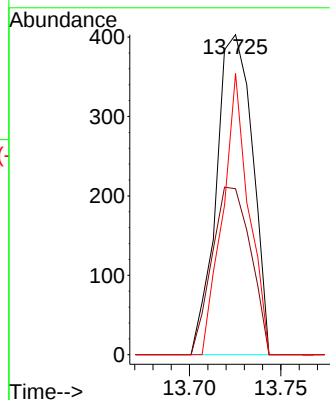
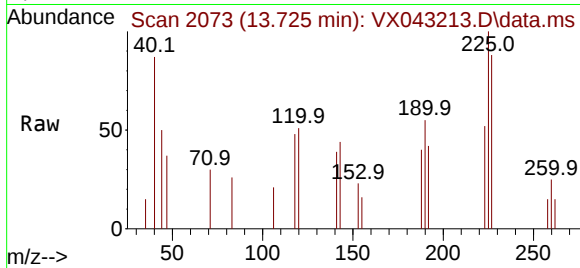




#94  
Hexachlorobutadiene  
Concen: 1.184 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

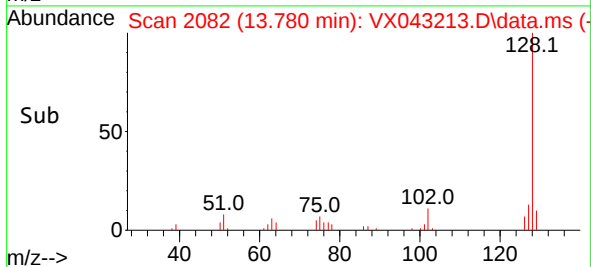
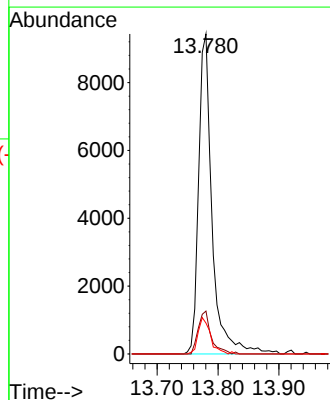
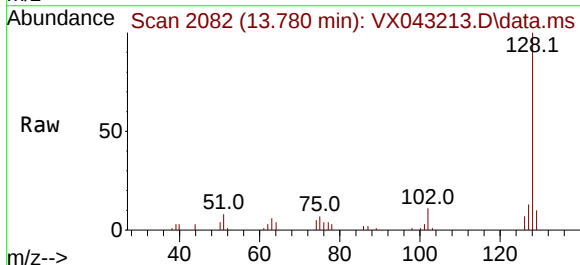
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

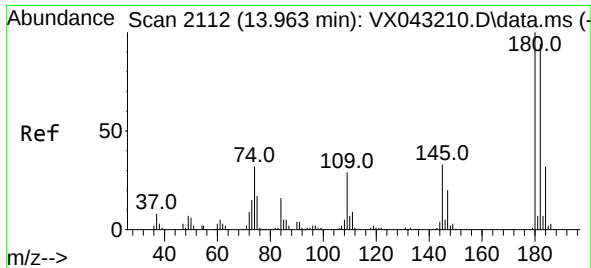
Tgt Ion:225 Resp: 557  
Ion Ratio Lower Upper  
225 100  
223 55.8 30.8 92.4  
227 63.0 32.2 96.6



#95  
Naphthalene  
Concen: 3.322 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX043213.D  
Acq: 01 Oct 2024 13:55

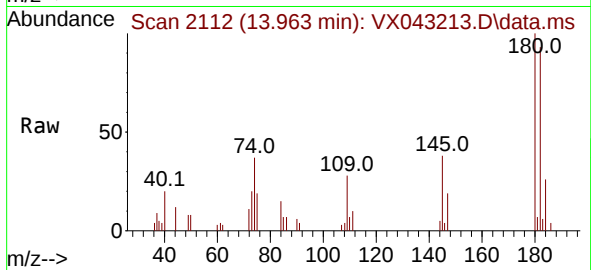
Tgt Ion:128 Resp: 14488  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 10.4 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.436 ug/l  
 RT: 13.963 min Scan# 2112  
 Delta R.T. 0.000 min  
 Lab File: VX043213.D  
 Acq: 01 Oct 2024 13:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2981  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.1  | 46.5  | 139.3 |
| 145      | 35.0  | 17.2  | 51.6  |

