

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111124\  
 Data File : VX043785.D  
 Acq On : 11 Nov 2024 12:36  
 Operator : JC/MD  
 Sample : P4742-22MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 12 00:53:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 12 00:51:02 2024  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 6.757     | 114   | 268662   | 50.000   | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 10.055    | 117   | 246437   | 50.000   | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018    | 152   | 122122   | 50.000   | ug/L        | 0.00     |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 1.367     | 65    | 79041    | 55.225   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 135 | Recovery | = 110.440%  |          |
| 7) Chloroethane-d5            | 1.642     | 69    | 42420    | 68.952   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 130 | Recovery | = 137.900%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.294     | 65    | 35632    | 53.929   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 107.860%  |          |
| 21) 2-Butanone-d5             | 4.464     | 46    | 109576   | 116.928  | ug/L        | 0.01     |
| Spiked Amount                 | 100.000   | Range | 40 - 130 | Recovery | = 116.930%  |          |
| 24) Chloroform-d              | 5.056     | 84    | 179363   | 58.132   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 116.260%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.952     | 65    | 108400   | 55.303   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 110.600%  |          |
| 32) Benzene-d6                | 5.970     | 84    | 359638   | 56.446   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 112.900%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.305     | 67    | 106607   | 54.997   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 120 | Recovery | = 110.000%  |          |
| 41) Toluene-d8                | 8.647     | 98    | 330231   | 57.056   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 114.120%  |          |
| 43) trans-1,3-Dichloroprop... | 8.951     | 79    | 50594    | 54.577   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 109.160%  |          |
| 47) 2-Hexanone-d5             | 9.384     | 63    | 87464    | 114.014  | ug/L        | 0.00     |
| Spiked Amount                 | 100.000   | Range | 45 - 130 | Recovery | = 114.010%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189    | 84    | 158941   | 63.906   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 65 - 120 | Recovery | = 127.820%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317    | 152   | 132229   | 62.493   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 124.980%# |          |
| Target Compounds              |           |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166     | 85    | 93853    | 49.601   | ug/L        | 100      |
| 3) Chloromethane              | 1.294     | 50    | 89831    | 48.851   | ug/L        | 100      |
| 5) Vinyl chloride             | 1.374     | 62    | 90699    | 50.353   | ug/L        | 98       |
| 6) Bromomethane               | 1.593     | 94    | 43434    | 62.226   | ug/L        | 96       |
| 8) Chloroethane               | 1.660     | 64    | 37577    | 59.294   | ug/L        | 99       |
| 9) Trichlorofluoromethane     | 1.867     | 101   | 124507   | 54.469   | ug/L        | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.312     | 101   | 87610    | 55.806   | ug/L        | 97       |
| 12) 1,1-Dichloroethene        | 2.306     | 96    | 80670    | 56.289   | ug/L        | 82       |
| 13) Acetone                   | 2.392     | 43    | 72669    | 83.376   | ug/L        | 95       |
| 14) Carbon disulfide          | 2.501     | 76    | 149596   | 47.219   | ug/L        | 99       |
| 15) Methyl Acetate            | 2.709     | 43    | 83057    | 45.066   | ug/L        | 91       |
| 16) Methylene chloride        | 2.782     | 84    | 91835    | 53.040   | ug/L        | 90       |
| 17) trans-1,2-Dichloroethene  | 3.081     | 96    | 83497    | 54.155   | ug/L        | 93       |
| 18) Methyl tert-butyl Ether   | 3.117     | 73    | 297290   | 50.722   | ug/L        | 98       |
| 19) 1,1-Dichloroethane        | 3.605     | 63    | 155095   | 51.084   | ug/L        | 98       |
| 20) cis-1,2-Dichloroethene    | 4.483     | 96    | 103658   | 54.129   | ug/L        | 94       |
| 22) 2-Butanone                | 4.562     | 43    | 113580   | 90.074   | ug/L        | 95       |
| 23) Bromochloromethane        | 4.897     | 128   | 53554    | 55.633   | ug/L        | 92       |
| 25) Chloroform                | 5.092     | 83    | 170811   | 52.428   | ug/L        | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111124\  
 Data File : VX043785.D  
 Acq On : 11 Nov 2024 12:36  
 Operator : JC/MD  
 Sample : P4742-22MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 12 00:53:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 12 00:51:02 2024  
 Response via : Initial Calibration

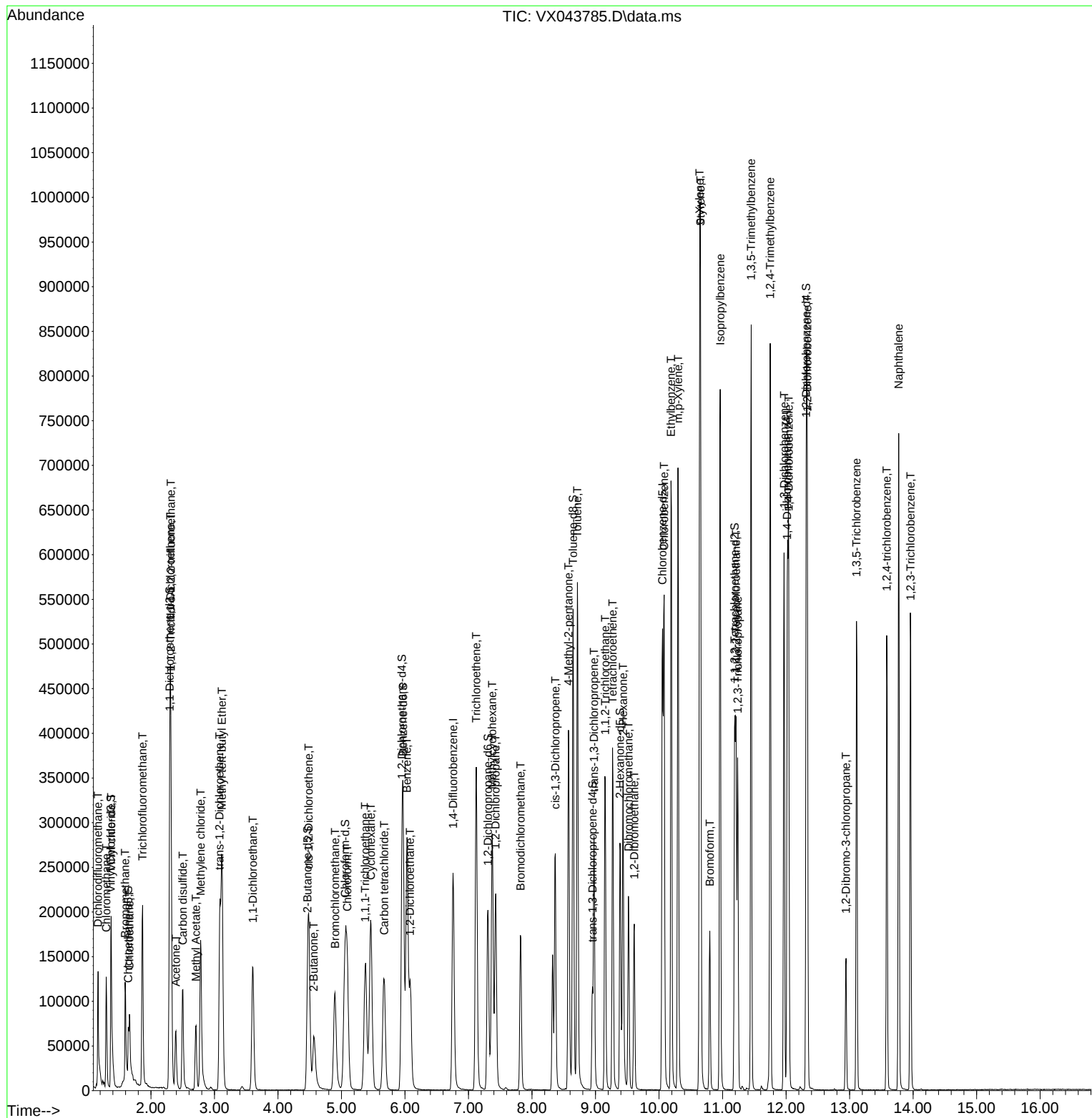
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 6.080  | 62   | 126681   | 50.322 | ug/L   | 99       |
| 29) Cyclohexane               | 5.464  | 56   | 130200   | 45.532 | ug/L   | 93       |
| 30) 1,1,1-Trichloroethane     | 5.373  | 97   | 145237   | 48.650 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 5.672  | 117  | 121110   | 49.450 | ug/L   | 99       |
| 33) Benzene                   | 6.031  | 78   | 355233   | 50.572 | ug/L   | 100      |
| 34) Trichloroethene           | 7.123  | 95   | 138838   | 73.520 | ug/L   | 94       |
| 35) Methylcyclohexane         | 7.372  | 83   | 139627   | 49.488 | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 7.427  | 63   | 91458    | 48.879 | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.818  | 83   | 116002   | 48.743 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 151181   | 49.492 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 8.573  | 43   | 243741   | 95.707 | ug/L   | 95       |
| 42) Toluene                   | 8.714  | 91   | 385058   | 52.118 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 137006   | 49.187 | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 103164   | 53.767 | ug/L   | 98       |
| 46) Tetrachloroethene         | 9.268  | 164  | 77370    | 56.919 | ug/L   | 95       |
| 48) 2-Hexanone                | 9.433  | 43   | 184761   | 97.054 | ug/L   | 96       |
| 49) Dibromochloromethane      | 9.518  | 129  | 97565    | 54.555 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 106877   | 53.948 | ug/L # | 98       |
| 51) Chlorobenzene             | 10.079 | 112  | 263802   | 54.634 | ug/L   | 97       |
| 52) Ethylbenzene              | 10.189 | 91   | 421609   | 52.499 | ug/L   | 98       |
| 53) m,p-Xylene                | 10.299 | 106  | 170770   | 55.086 | ug/L   | 99       |
| 54) o-Xylene                  | 10.640 | 106  | 170684   | 55.226 | ug/L   | 96       |
| 55) Styrene                   | 10.652 | 104  | 287227   | 55.868 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 157227   | 54.713 | ug/L   | 99       |
| 59) Bromoform                 | 10.799 | 173  | 66524    | 52.079 | ug/L   | 96       |
| 60) Isopropylbenzene          | 10.963 | 105  | 436723   | 51.575 | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 117361   | 49.510 | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 364608   | 51.227 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 366469   | 51.712 | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 203293   | 54.580 | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 12.042 | 146  | 203616   | 54.275 | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 210595   | 55.328 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 28412    | 47.866 | ug/L # | 71       |
| 69) 1,3,5-Trichlorobenzene    | 13.109 | 180  | 132221   | 53.224 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 122943   | 53.974 | ug/L   | 98       |
| 71) Naphthalene               | 13.774 | 128  | 461763   | 54.590 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 131750   | 55.966 | ug/L   | 97       |

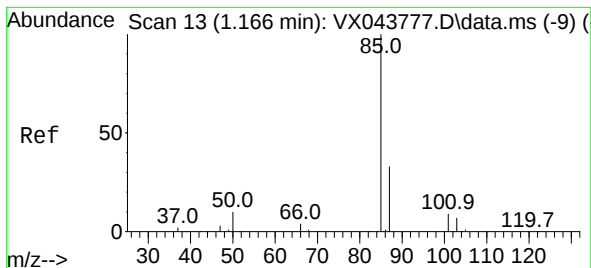
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111124\  
 Data File : VX043785.D  
 Acq On : 11 Nov 2024 12:36  
 Operator : JC/MD  
 Sample : P4742-22MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 12 00:53:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM110424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 12 00:51:02 2024  
 Response via : Initial Calibration

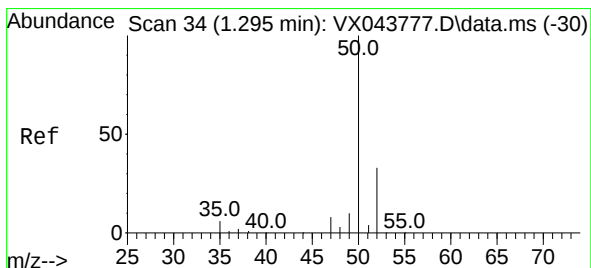
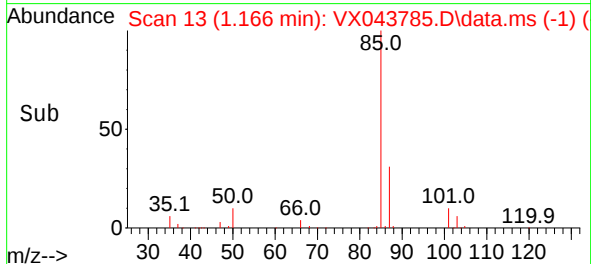
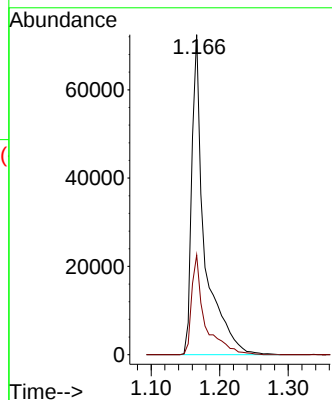
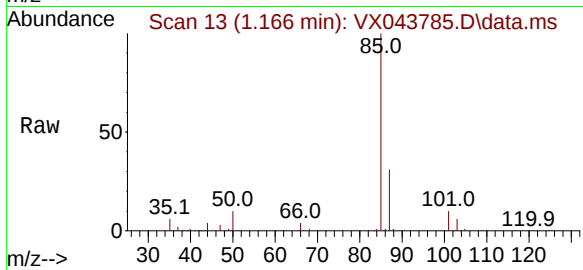




#2  
Dichlorodifluoromethane  
Concen: 49.601 ug/L  
RT: 1.166 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

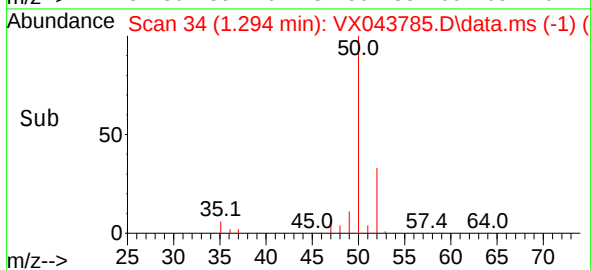
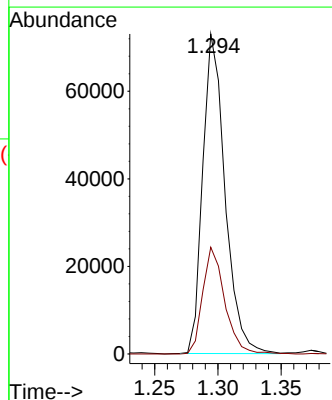
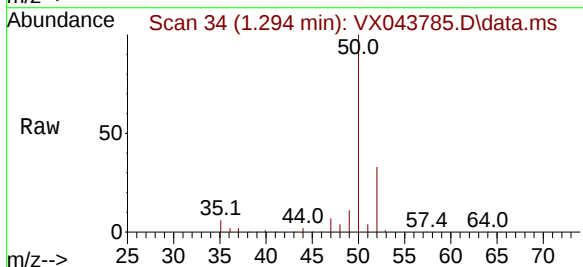
Instrument :  
MSVOA\_X  
ClientSampleId :

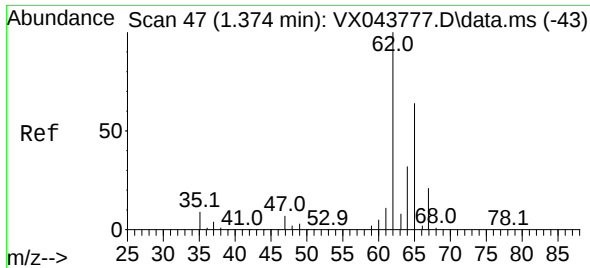
Tgt Ion: 85 Resp: 93853  
Ion Ratio Lower Upper  
85 100  
87 32.2 25.6 38.4



#3  
Chloromethane  
Concen: 48.851 ug/L  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Tgt Ion: 50 Resp: 89831  
Ion Ratio Lower Upper  
50 100  
52 33.4 23.4 43.4

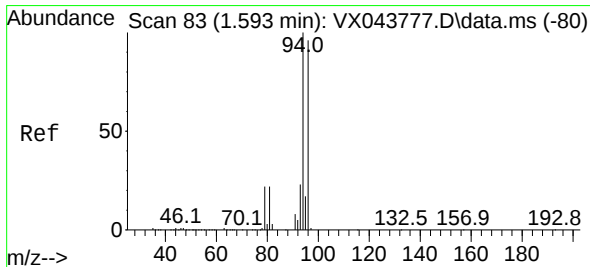
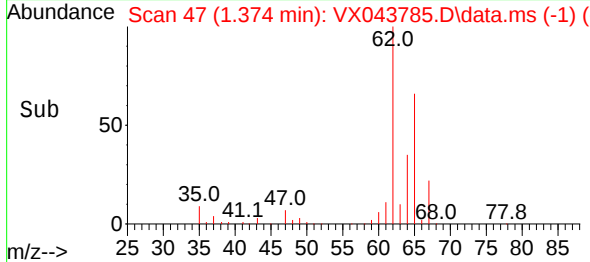
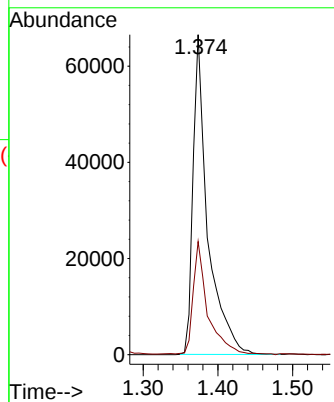
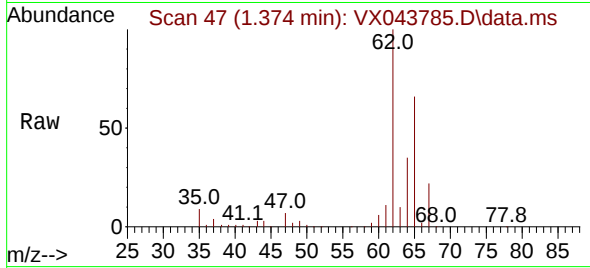




#5  
 Vinyl chloride  
 Concen: 50.353 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX043785.D  
 Acq: 11 Nov 2024 12:36

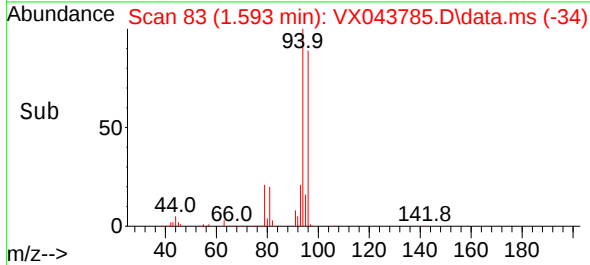
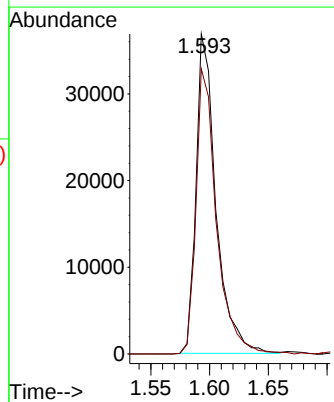
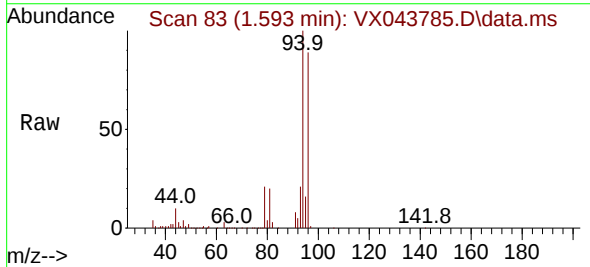
Instrument :  
 MSVOA\_X  
 ClientSampleId :

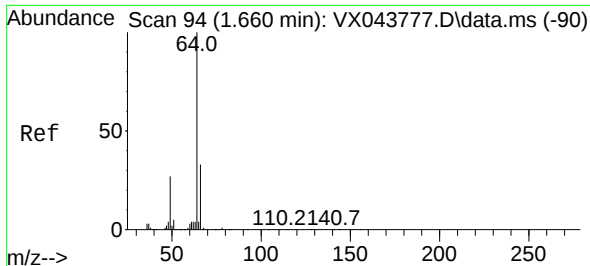
Tgt Ion: 62 Resp: 90699  
 Ion Ratio Lower Upper  
 62 100  
 64 35.3 24.0 44.6



#6  
 Bromomethane  
 Concen: 62.226 ug/L  
 RT: 1.593 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VX043785.D  
 Acq: 11 Nov 2024 12:36

Tgt Ion: 94 Resp: 43434  
 Ion Ratio Lower Upper  
 94 100  
 96 89.1 65.0 120.8

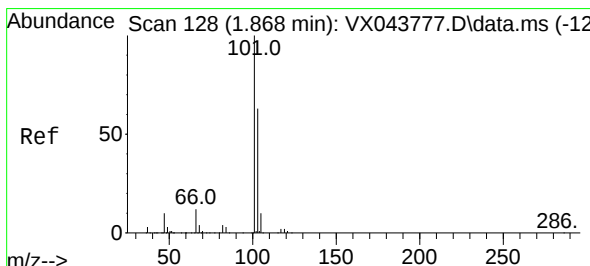
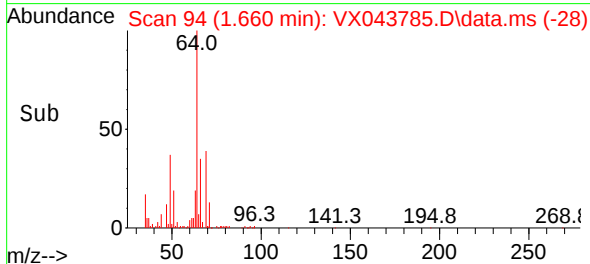
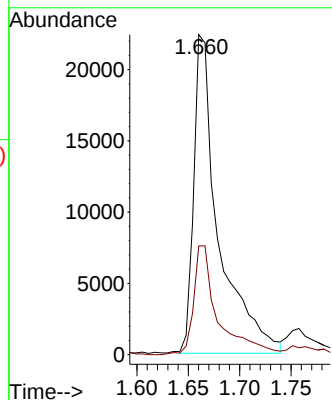
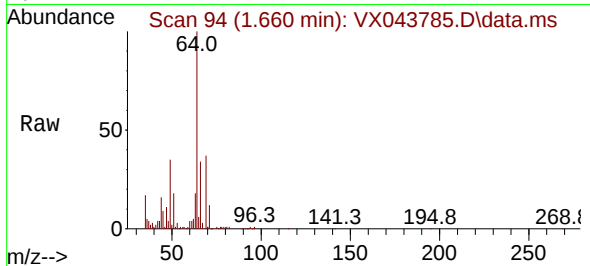




#8  
Chloroethane  
Concen: 59.294 ug/L  
RT: 1.660 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

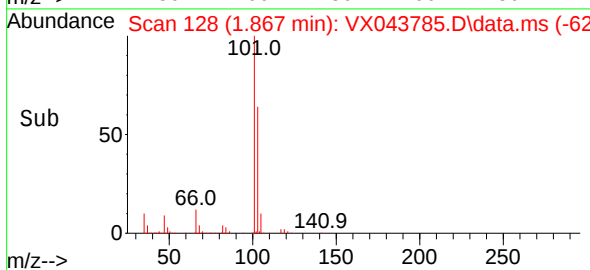
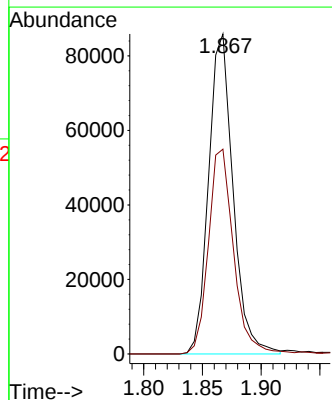
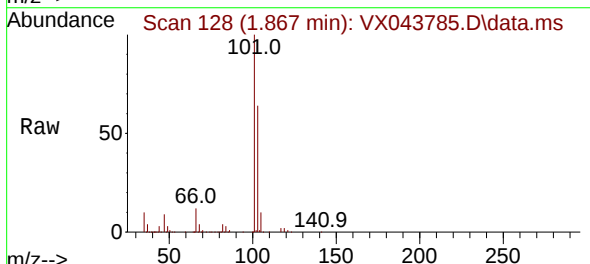
Instrument :  
MSVOA\_X  
ClientSampleId :

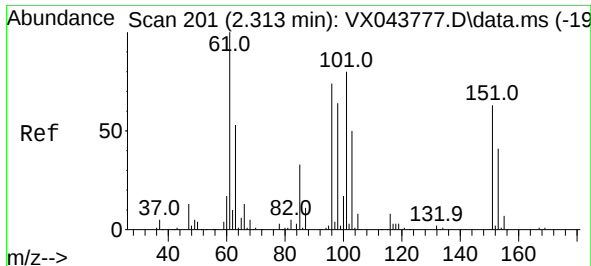
Tgt Ion: 64 Resp: 37577  
Ion Ratio Lower Upper  
64 100  
66 34.0 23.2 43.2



#9  
Trichlorofluoromethane  
Concen: 54.469 ug/L  
RT: 1.867 min Scan# 128  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Tgt Ion:101 Resp: 124507  
Ion Ratio Lower Upper  
101 100  
103 65.7 51.6 77.4

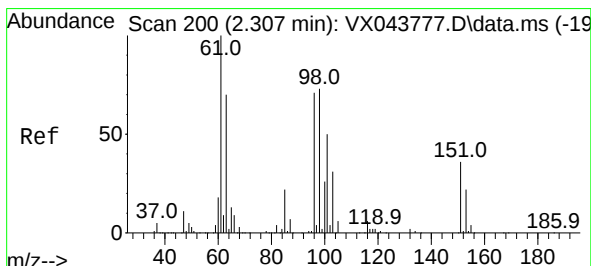
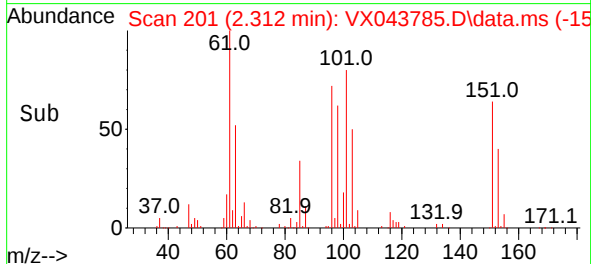
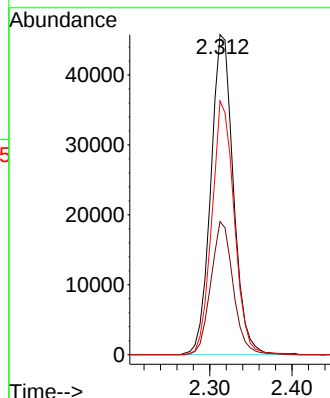
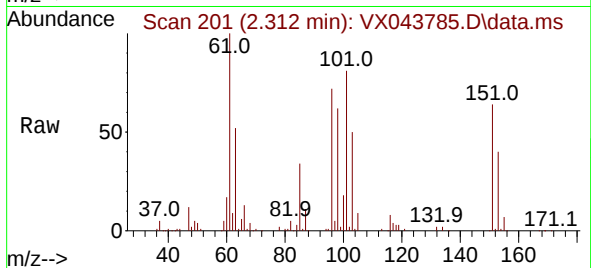




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 55.806 ug/L  
 RT: 2.312 min Scan# 201  
 Delta R.T. -0.000 min  
 Lab File: VX043785.D  
 Acq: 11 Nov 2024 12:36

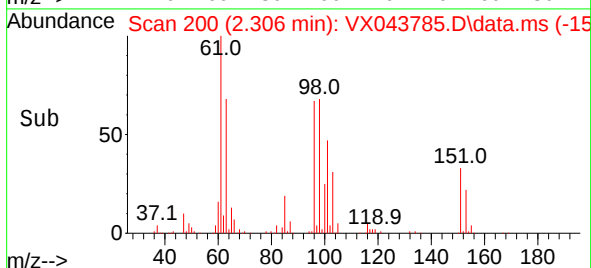
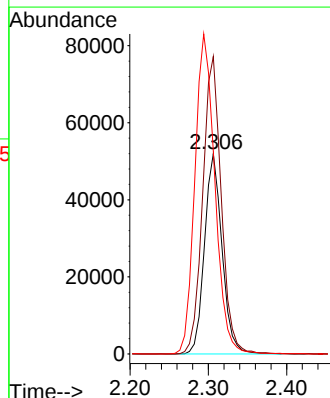
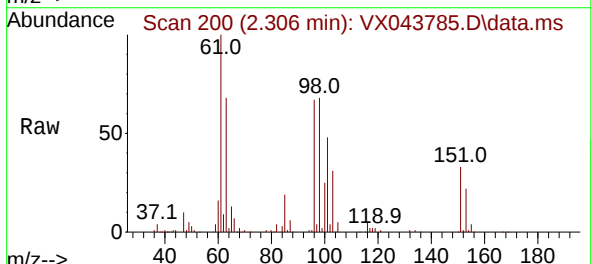
Instrument :  
 MSVOA\_X  
 ClientSampleId :

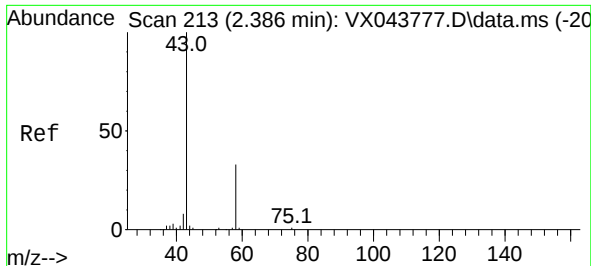
Tgt Ion:101 Resp: 87610  
 Ion Ratio Lower Upper  
 101 100  
 85 41.0 34.0 51.0  
 151 78.5 60.2 90.4



#12  
 1,1-Dichloroethene  
 Concen: 56.289 ug/L  
 RT: 2.306 min Scan# 200  
 Delta R.T. -0.000 min  
 Lab File: VX043785.D  
 Acq: 11 Nov 2024 12:36

Tgt Ion: 96 Resp: 80670  
 Ion Ratio Lower Upper  
 96 100  
 61 148.5 119.7 222.3  
 63 101.2 86.5 160.6





#13

Acetone

Concen: 83.376 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

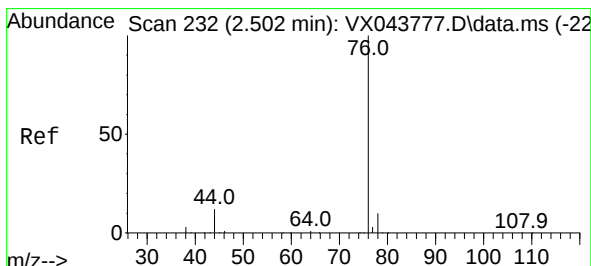
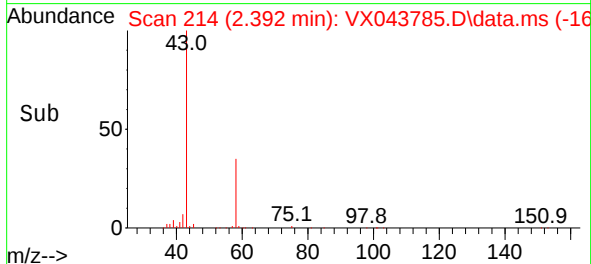
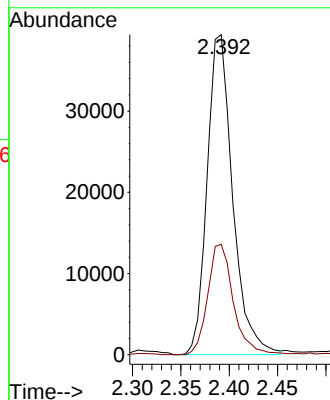
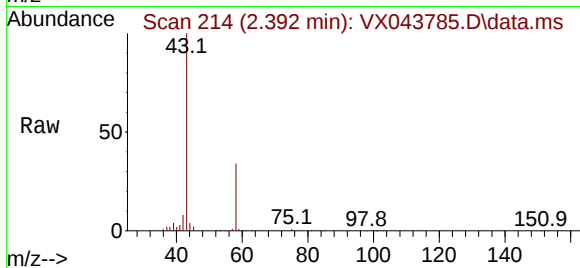
ClientSampleId :

Tgt Ion: 43 Resp: 72669

Ion Ratio Lower Upper

43 100

58 34.5 0.0 63.6



#14

Carbon disulfide

Concen: 47.219 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX043785.D

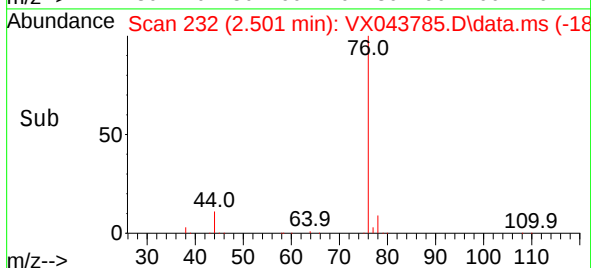
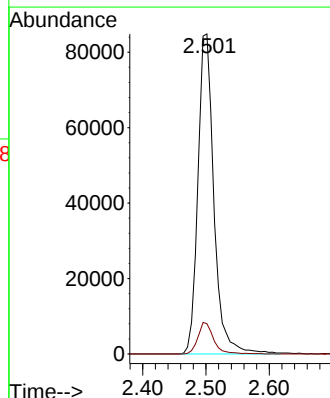
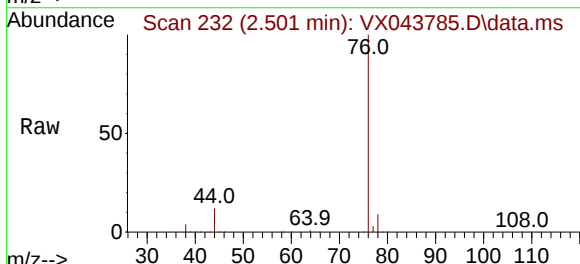
Acq: 11 Nov 2024 12:36

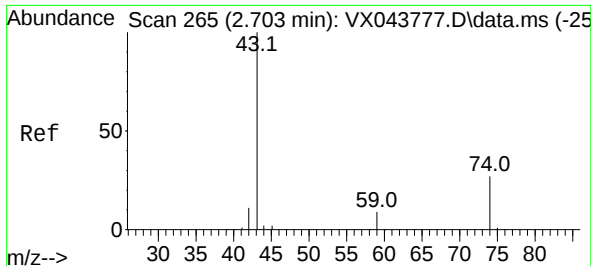
Tgt Ion: 76 Resp: 149596

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#15

Methyl Acetate

Concen: 45.066 ug/L

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

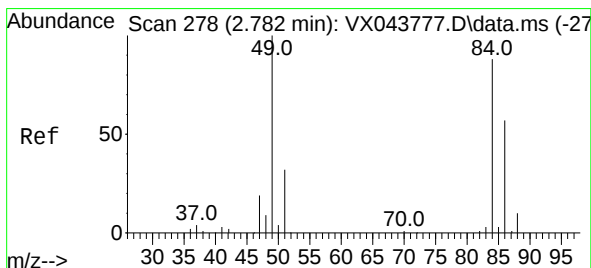
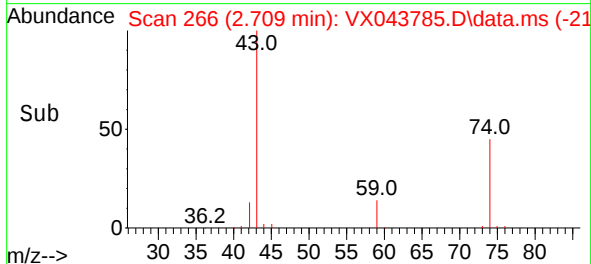
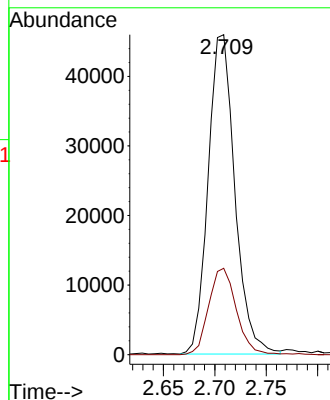
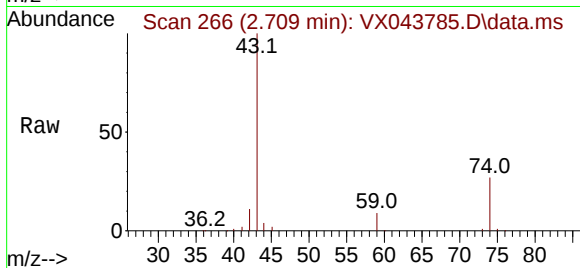
ClientSampleId :

Tgt Ion: 43 Resp: 83057

Ion Ratio Lower Upper

43 100

74 27.9 18.9 28.3



#16

Methylene chloride

Concen: 53.040 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

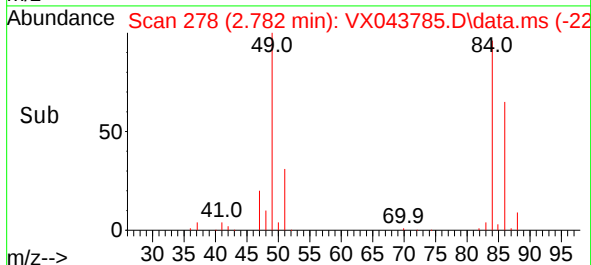
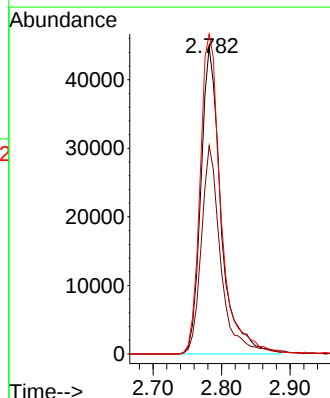
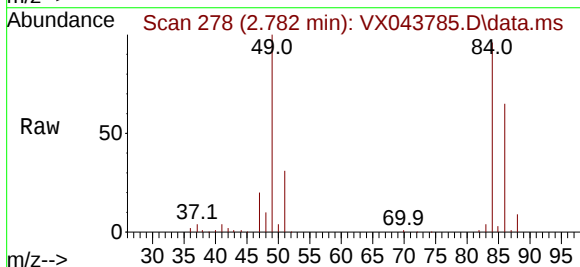
Tgt Ion: 84 Resp: 91835

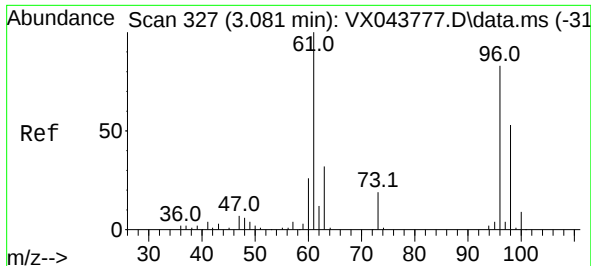
Ion Ratio Lower Upper

84 100

86 67.9 44.7 83.1

49 104.3 83.2 154.4





#17

trans-1,2-Dichloroethene

Concen: 54.155 ug/L

RT: 3.081 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

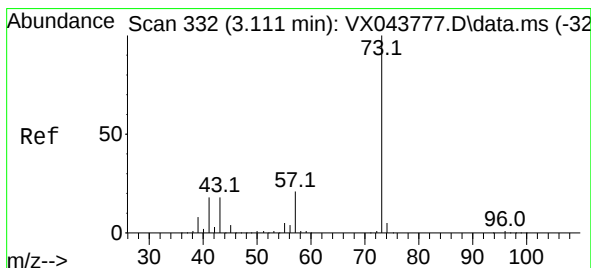
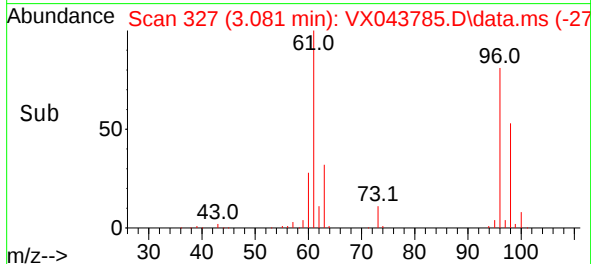
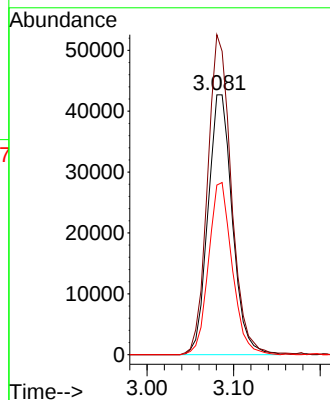
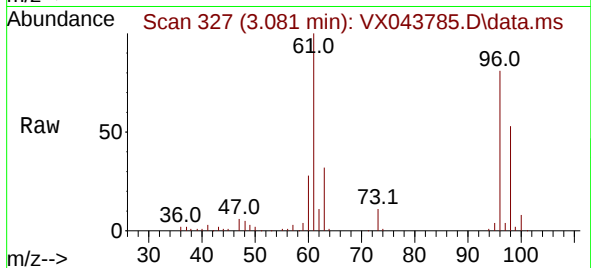
Tgt Ion: 96 Resp: 83497

Ion Ratio Lower Upper

96 100

61 123.1 93.4 173.6

98 65.3 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 50.722 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

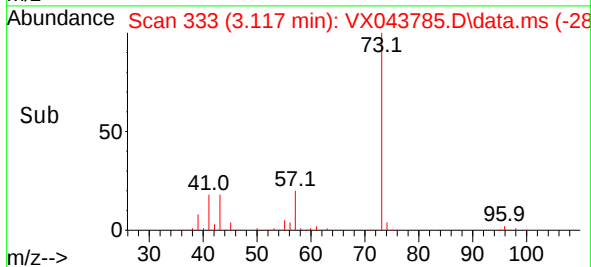
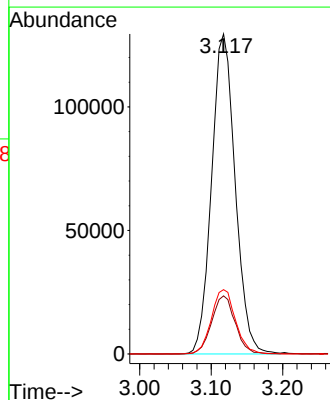
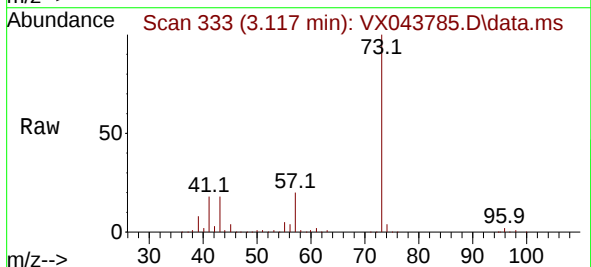
Tgt Ion: 73 Resp: 297290

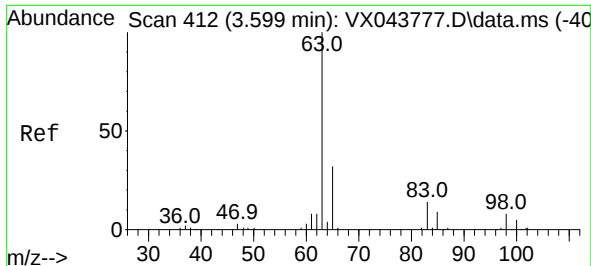
Ion Ratio Lower Upper

73 100

43 18.2 15.5 23.3

57 20.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 51.084 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

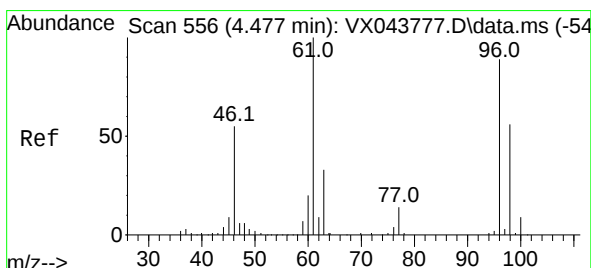
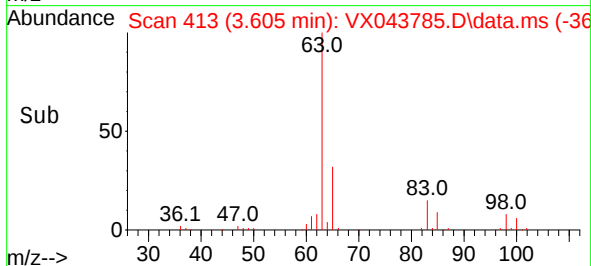
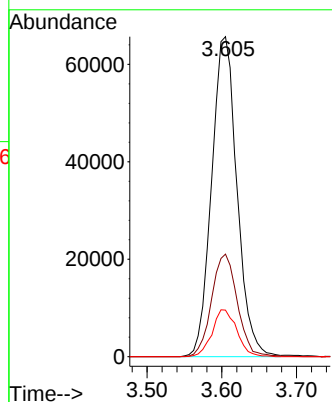
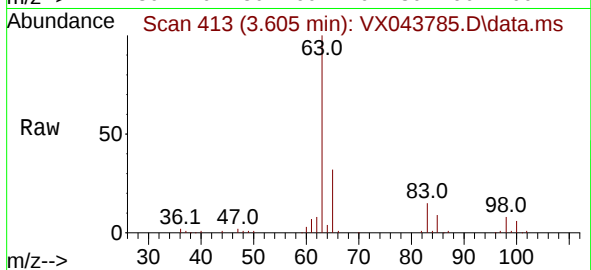
Tgt Ion: 63 Resp: 155095

Ion Ratio Lower Upper

63 100

65 32.1 23.2 43.2

83 14.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 54.129 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

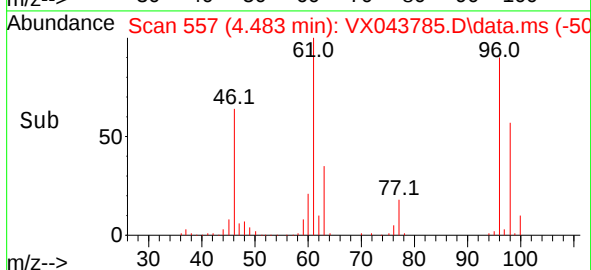
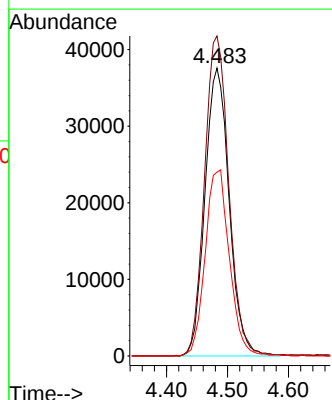
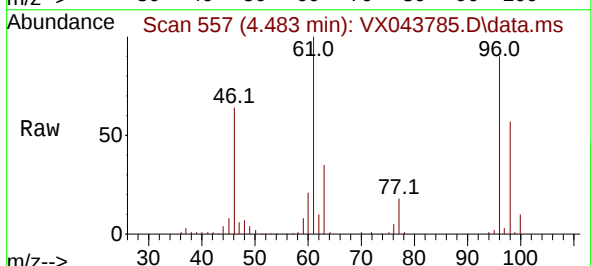
Tgt Ion: 96 Resp: 103658

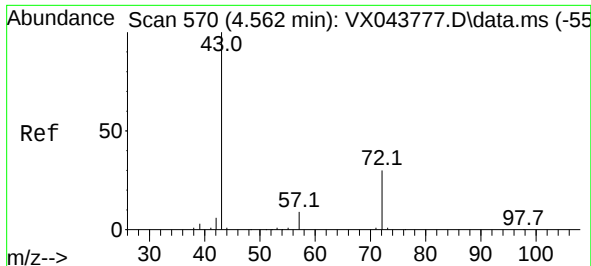
Ion Ratio Lower Upper

96 100

61 111.2 85.2 158.2

98 63.9 44.6 82.8

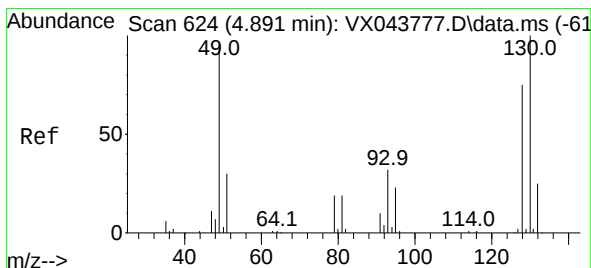
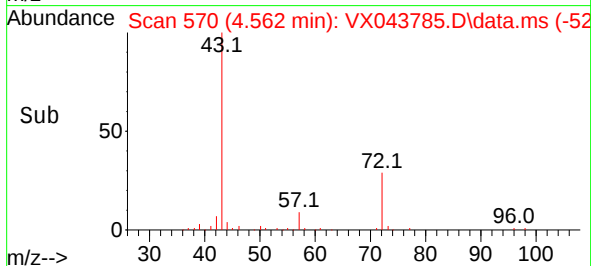
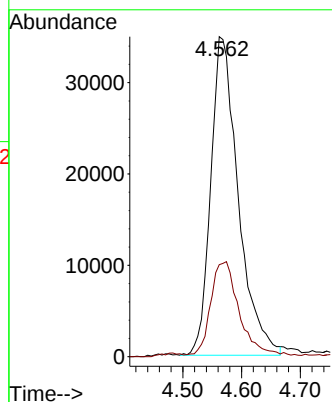
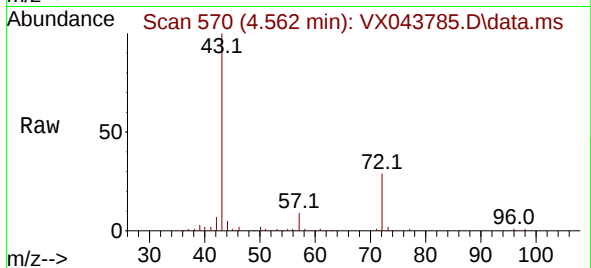




#22  
2-Butanone  
Concen: 90.074 ug/L  
RT: 4.562 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

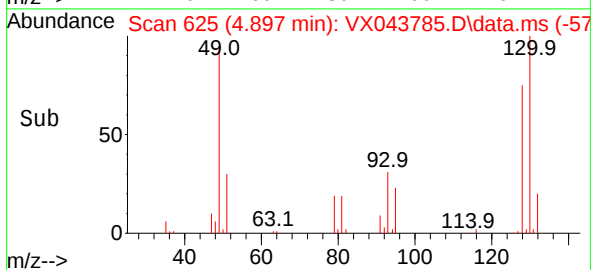
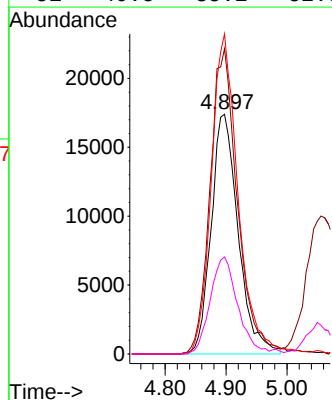
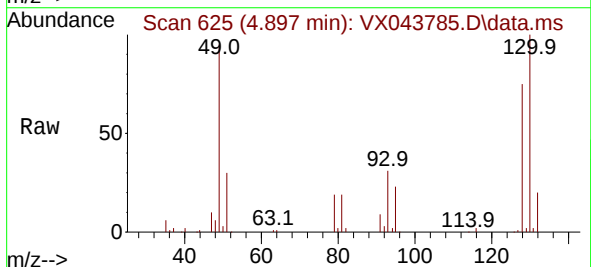
Instrument :  
MSVOA\_X  
ClientSampleId :

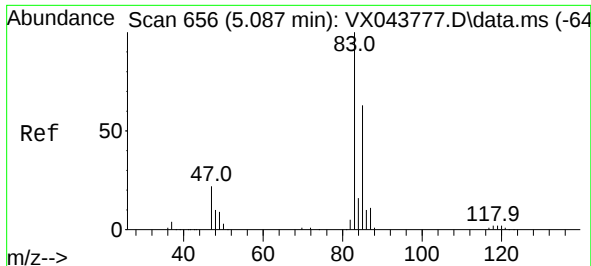
Tgt Ion: 43 Resp: 113580  
Ion Ratio Lower Upper  
43 100  
72 29.9 13.6 40.8



#23  
Bromochloromethane  
Concen: 55.633 ug/L  
RT: 4.897 min Scan# 625  
Delta R.T. 0.006 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Tgt Ion:128 Resp: 53554  
Ion Ratio Lower Upper  
128 100  
49 127.3 101.4 188.4  
130 133.5 91.5 169.9  
51 40.5 35.2 52.8





#25

Chloroform

Concen: 52.428 ug/L

RT: 5.092 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

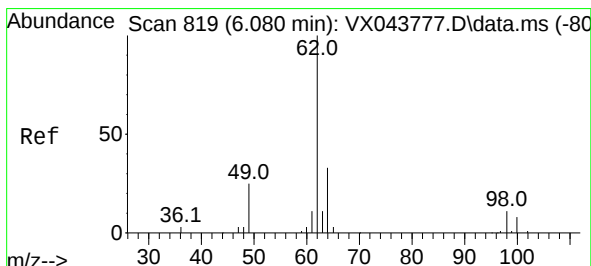
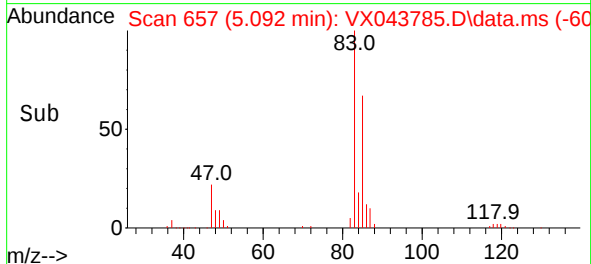
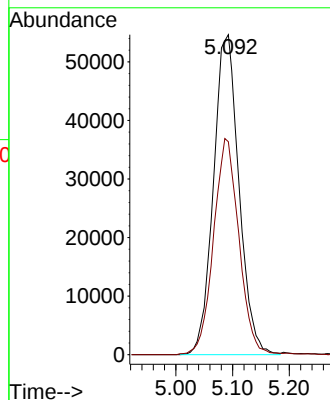
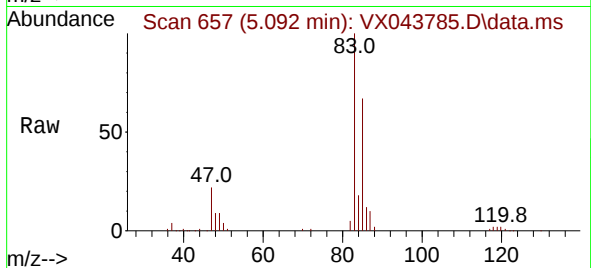
ClientSampleId :

Tgt Ion: 83 Resp: 170811

Ion Ratio Lower Upper

83 100

85 66.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 50.322 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX043785.D

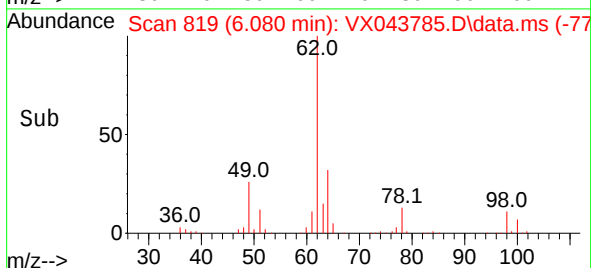
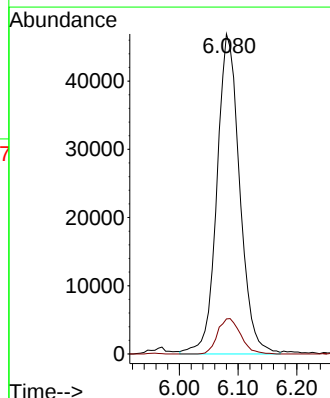
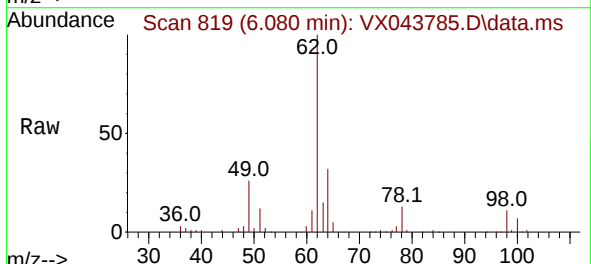
Acq: 11 Nov 2024 12:36

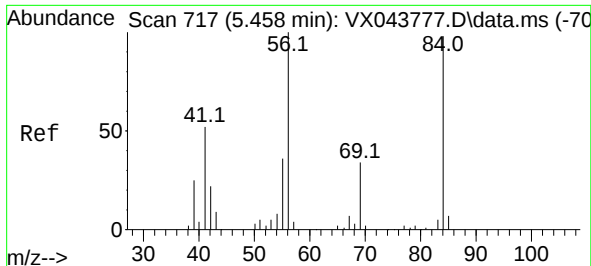
Tgt Ion: 62 Resp: 126681

Ion Ratio Lower Upper

62 100

98 10.9 9.0 13.6





#29

Cyclohexane

Concen: 45.532 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

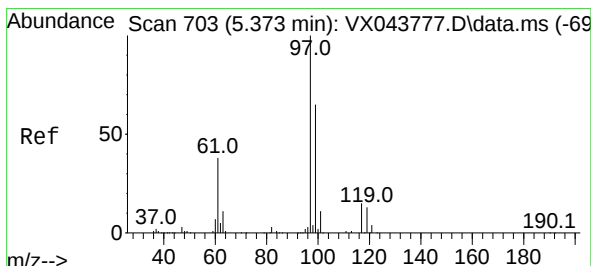
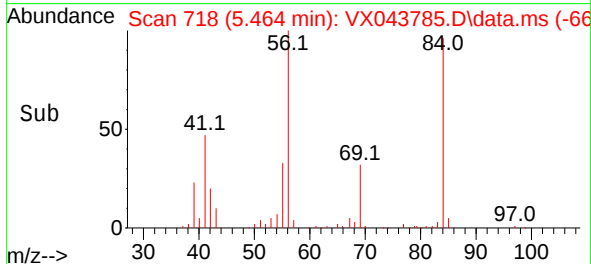
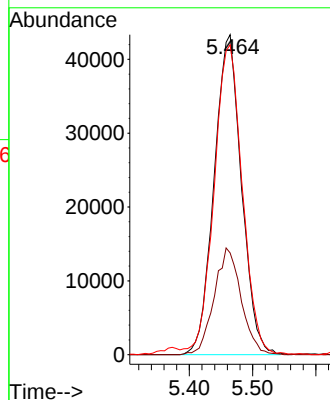
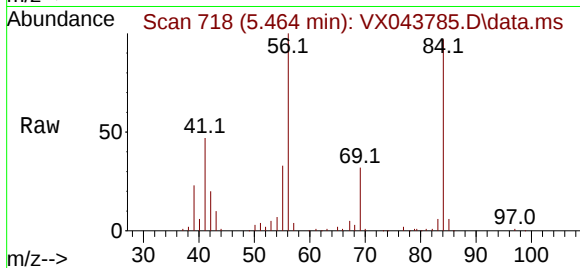
Tgt Ion: 56 Resp: 130200

Ion Ratio Lower Upper

56 100

69 32.8 25.2 37.8

84 98.9 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 48.650 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

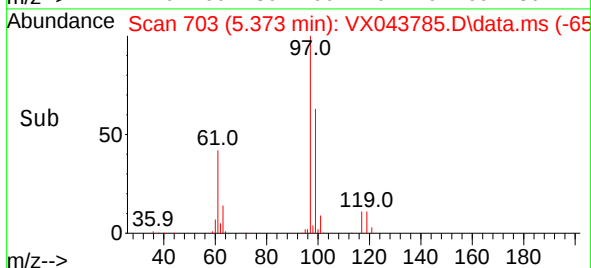
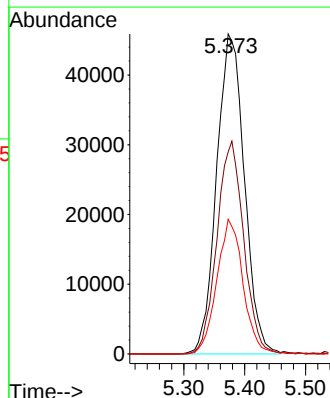
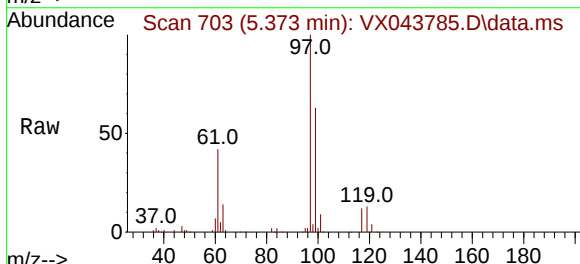
Tgt Ion: 97 Resp: 145237

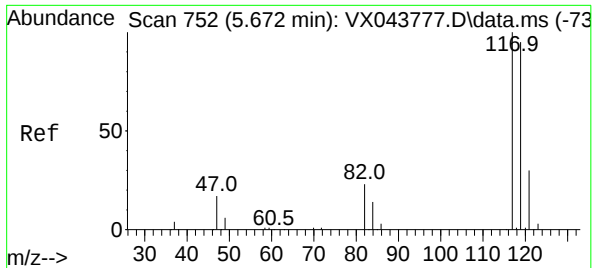
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

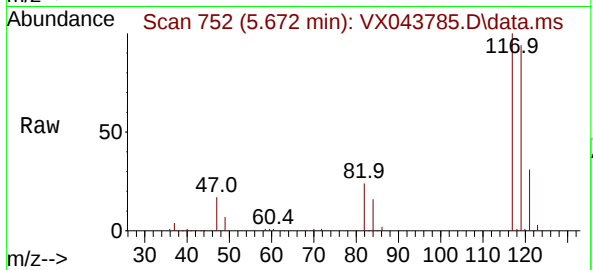
61 39.7 32.6 49.0



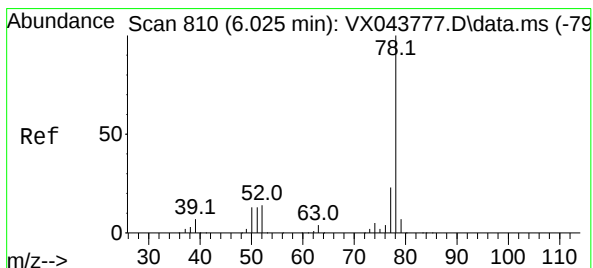
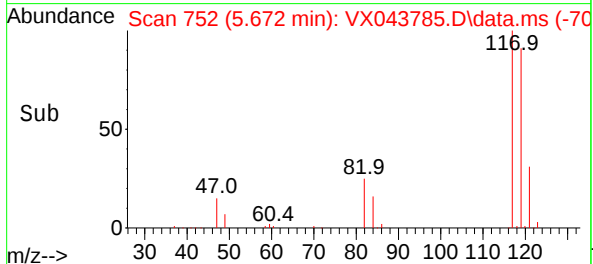
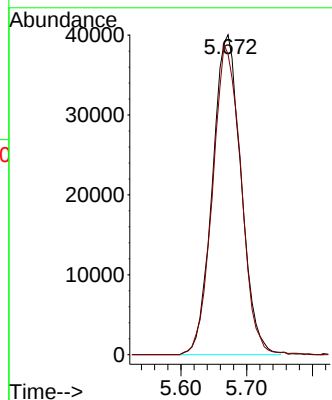


#31  
Carbon tetrachloride  
Concen: 49.450 ug/L  
RT: 5.672 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Instrument :  
MSVOA\_X  
ClientSampleId :

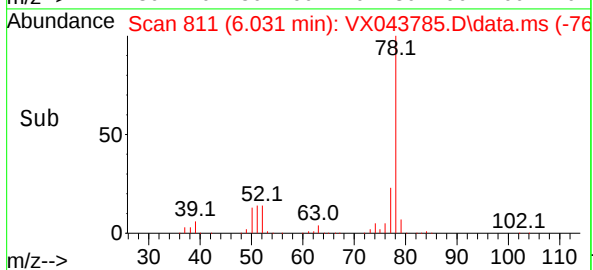
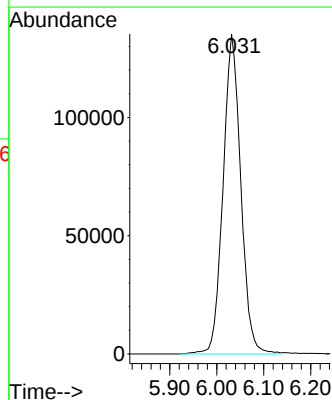
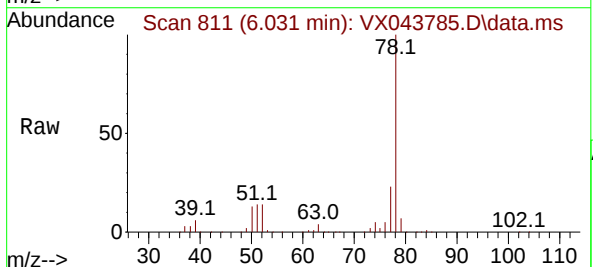


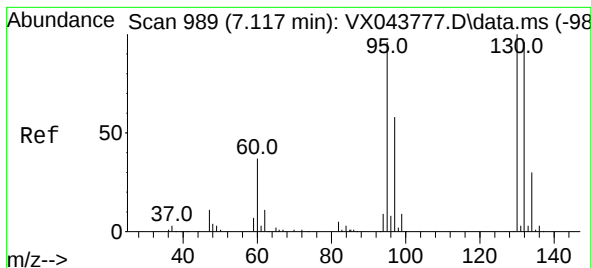
Tgt Ion:117 Resp: 121110  
Ion Ratio Lower Upper  
117 100  
119 96.1 77.4 116.0



#33  
Benzene  
Concen: 50.572 ug/L  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Tgt Ion: 78 Resp: 355233





#34

Trichloroethene

Concen: 73.520 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

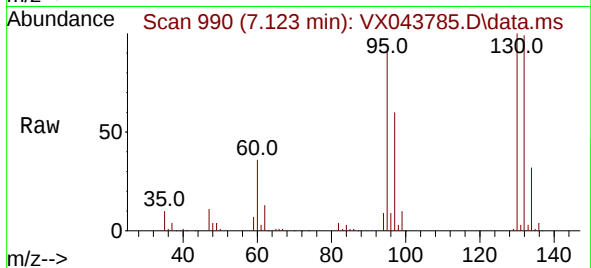
Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 95 Resp: 138838

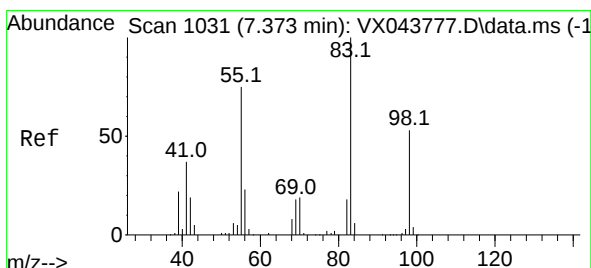
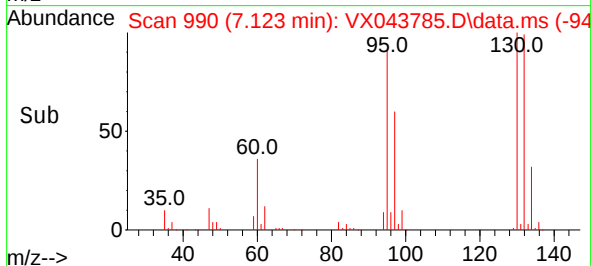
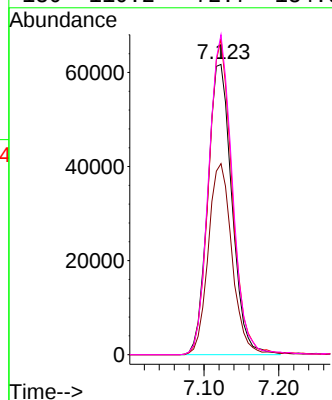
Ion Ratio Lower Upper

95 100

97 65.8 45.4 84.2

132 108.7 69.7 129.5

130 110.2 72.7 134.9



#35

Methylcyclohexane

Concen: 49.488 ug/L

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

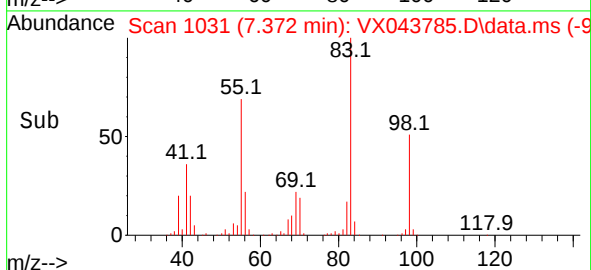
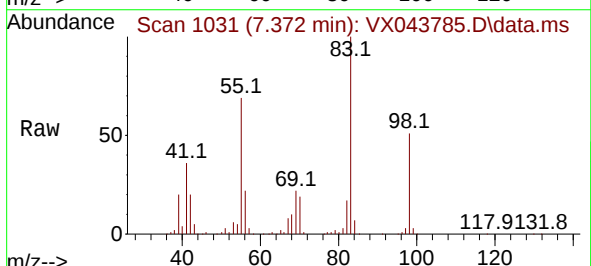
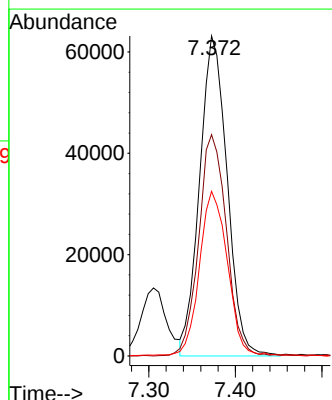
Tgt Ion: 83 Resp: 139627

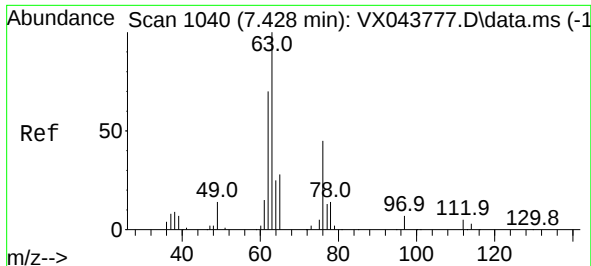
Ion Ratio Lower Upper

83 100

55 69.8 58.6 88.0

98 50.8 39.0 58.4

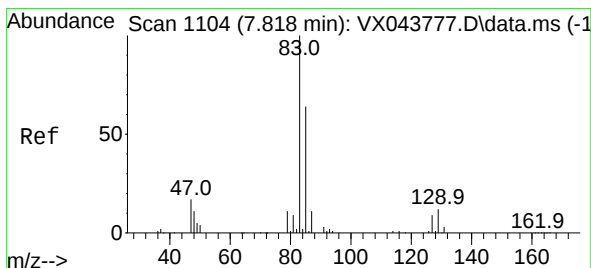
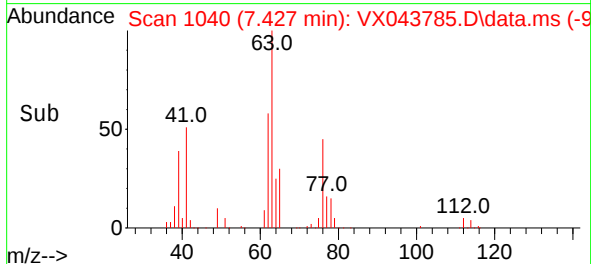
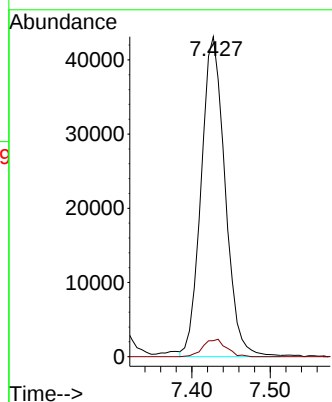
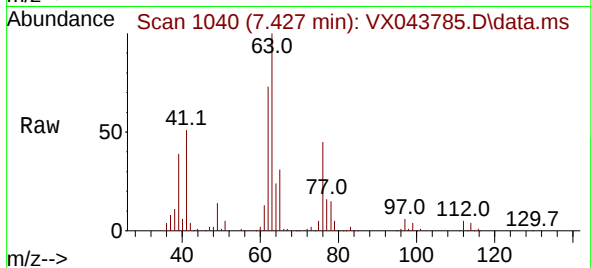




#37  
1,2-Dichloropropane  
Concen: 48.879 ug/L  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

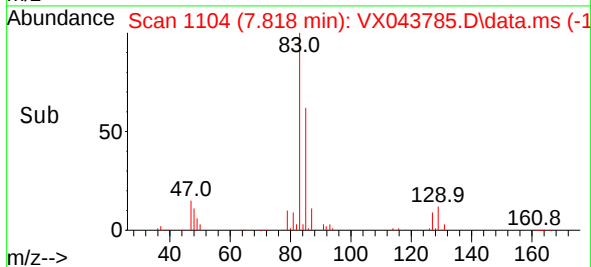
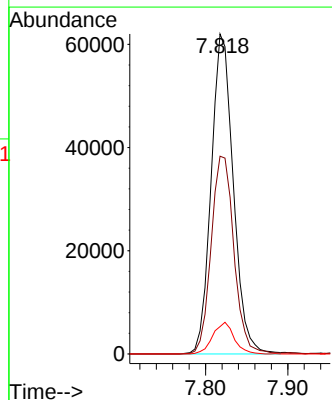
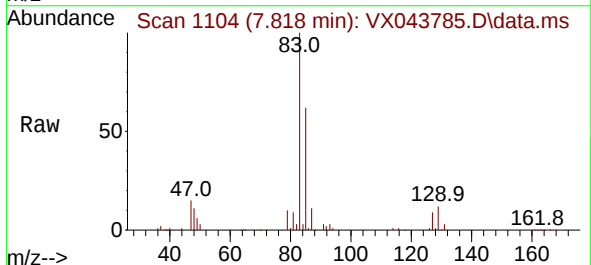
Instrument :  
MSVOA\_X  
ClientSampleId :

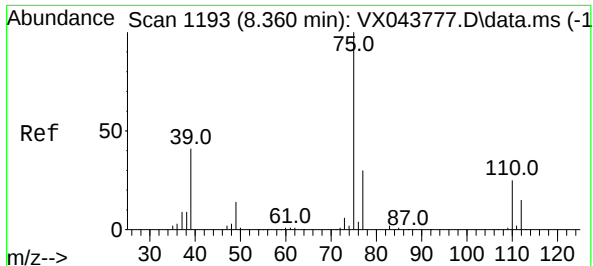
Tgt Ion: 63 Resp: 91458  
Ion Ratio Lower Upper  
63 100  
112 5.1 3.8 5.8



#38  
Bromodichloromethane  
Concen: 48.743 ug/L  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Tgt Ion: 83 Resp: 116002  
Ion Ratio Lower Upper  
83 100  
85 61.8 43.8 81.3  
127 8.6 6.8 10.2

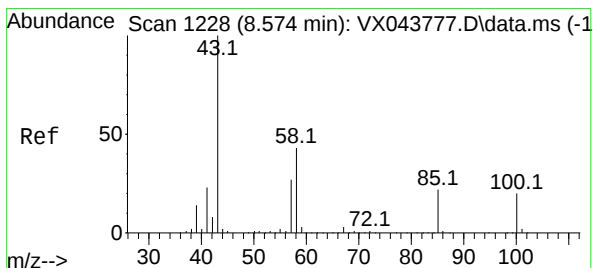
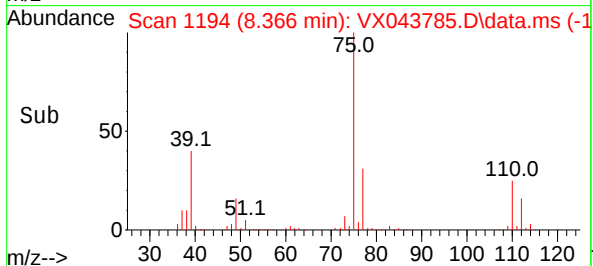
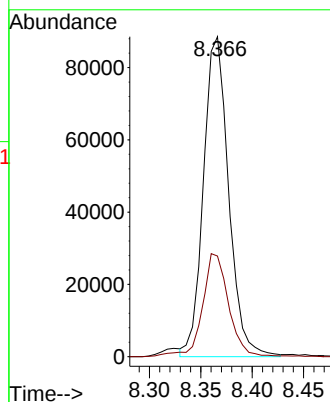
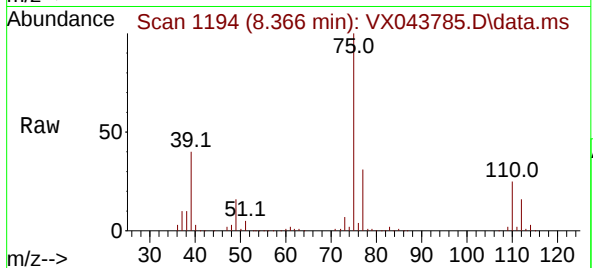




#39  
cis-1,3-Dichloropropene  
Concen: 49.492 ug/L  
RT: 8.366 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

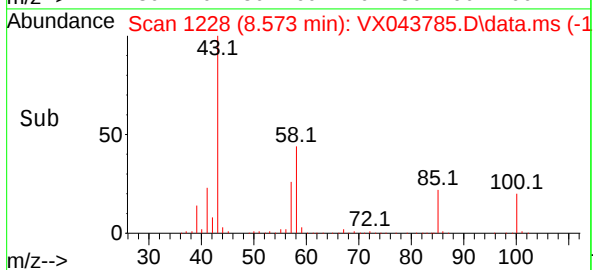
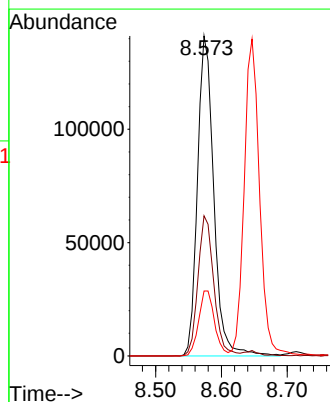
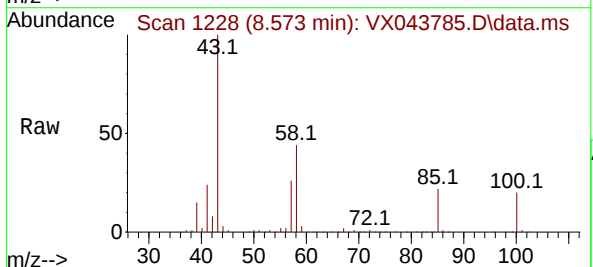
Instrument :  
MSVOA\_X  
ClientSampleId :

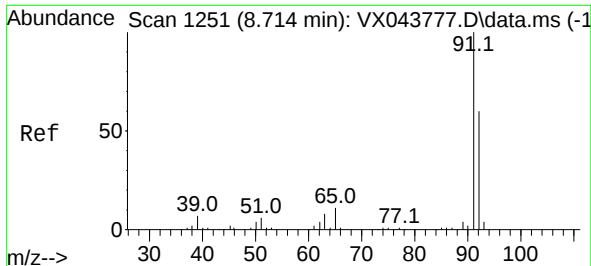
Tgt Ion: 75 Resp: 151181  
Ion Ratio Lower Upper  
75 100  
77 31.4 21.7 40.3



#40  
4-Methyl-2-pentanone  
Concen: 95.707 ug/L  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Tgt Ion: 43 Resp: 243741  
Ion Ratio Lower Upper  
43 100  
58 42.6 31.6 47.4  
100 19.8 13.8 20.6





#42

Toluene

Concen: 52.118 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

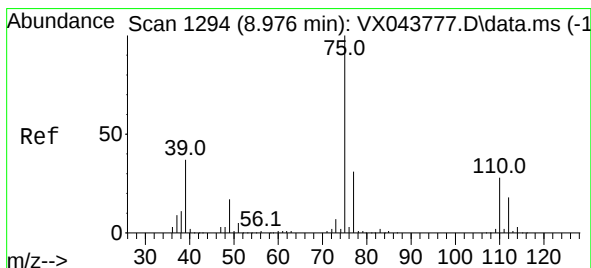
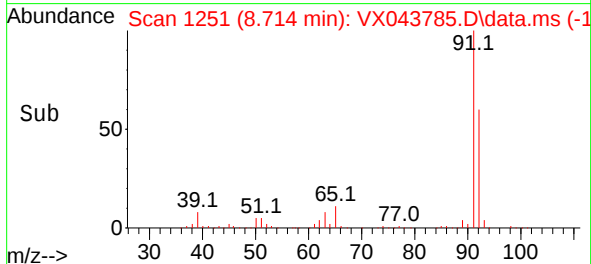
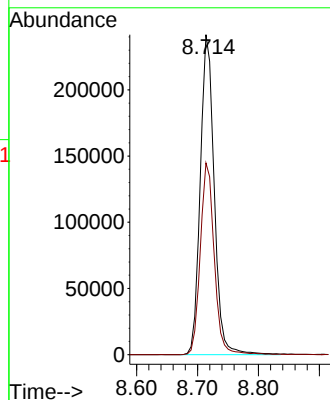
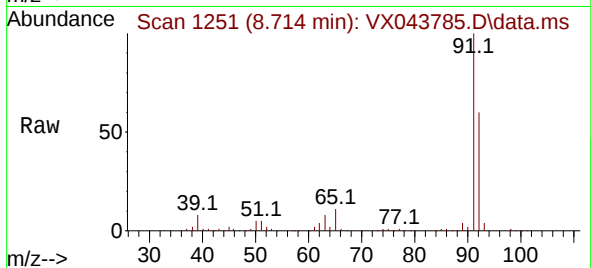
ClientSampleId :

Tgt Ion: 91 Resp: 385058

Ion Ratio Lower Upper

91 100

92 59.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 49.187 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043785.D

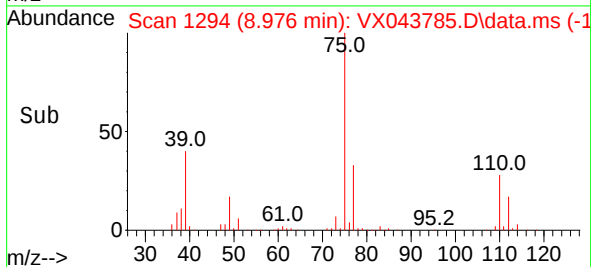
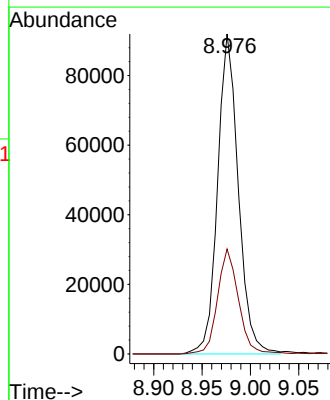
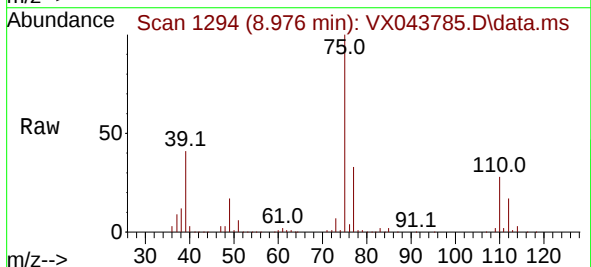
Acq: 11 Nov 2024 12:36

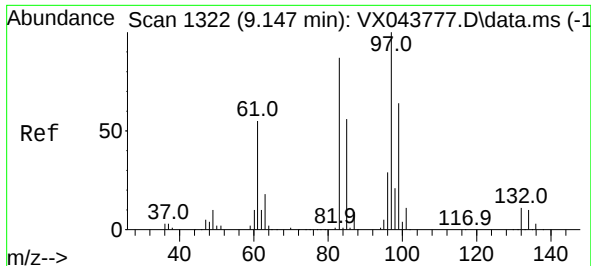
Tgt Ion: 75 Resp: 137006

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 53.767 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 103164

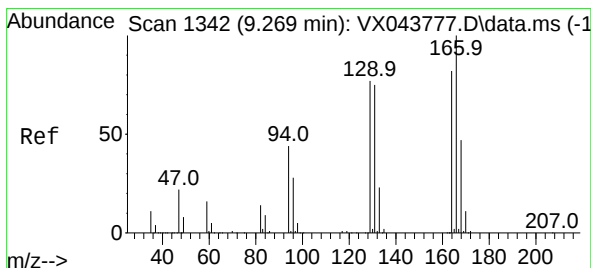
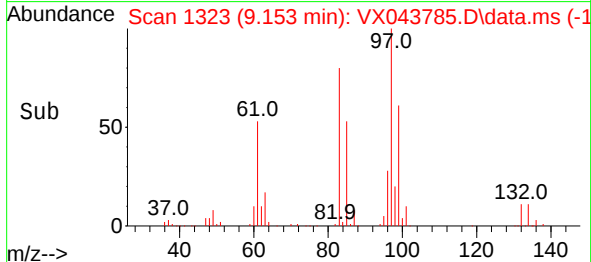
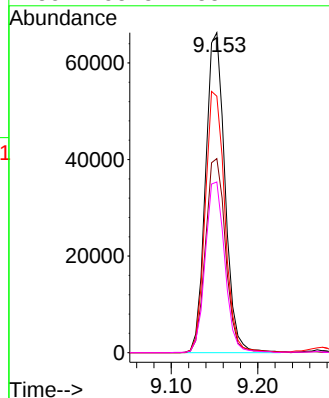
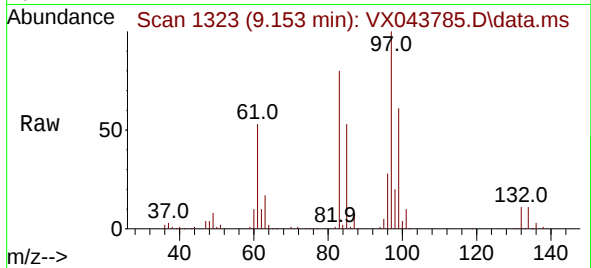
Ion Ratio Lower Upper

97 100

99 60.6 42.8 79.4

83 80.2 58.4 108.4

85 53.3 38.2 71.0



#46

Tetrachloroethene

Concen: 56.919 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Tgt Ion:164 Resp: 77370

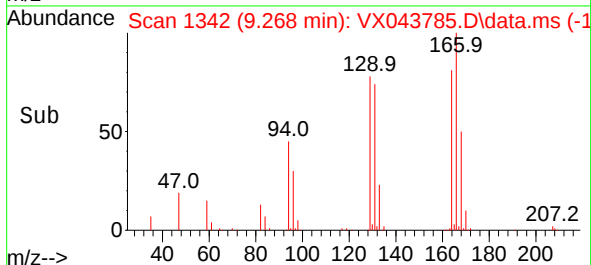
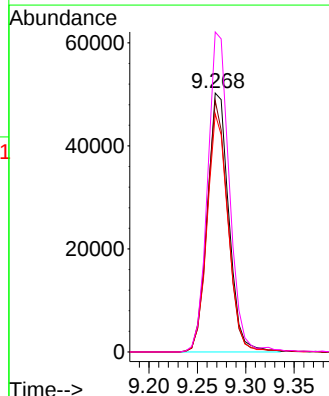
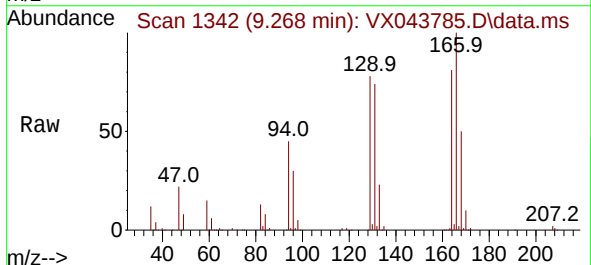
Ion Ratio Lower Upper

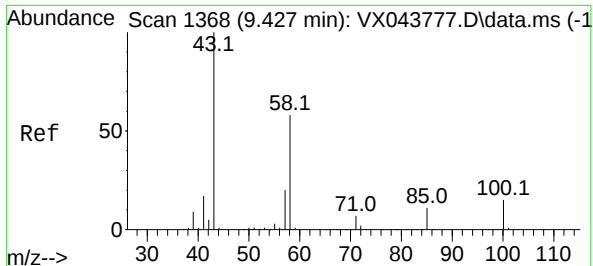
164 100

129 97.0 72.2 134.2

131 92.0 69.0 128.2

166 123.6 87.9 163.3





#48

2-Hexanone

Concen: 97.054 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 43 Resp: 184761

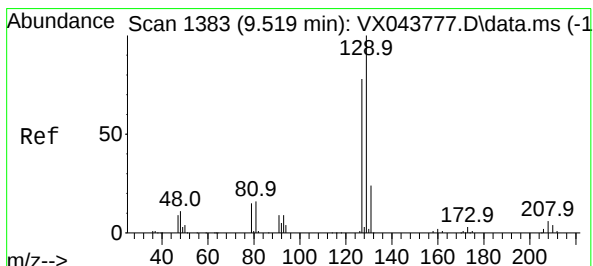
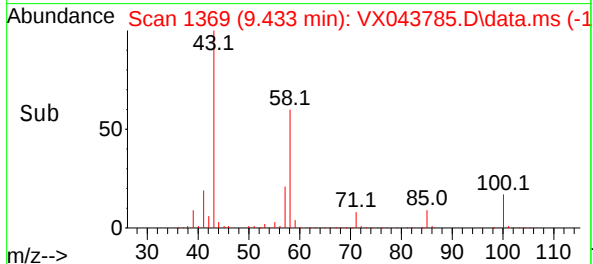
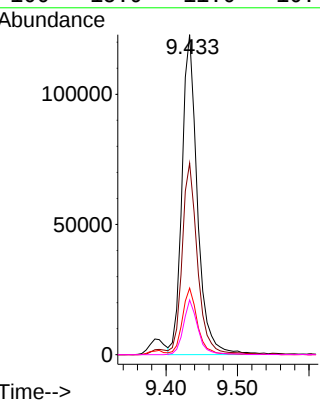
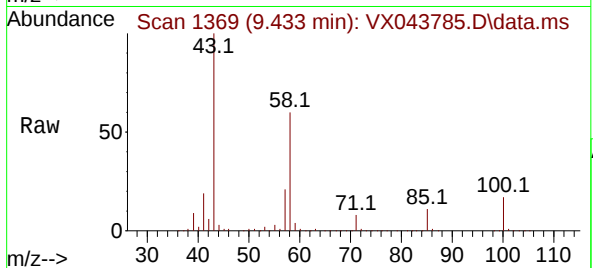
Ion Ratio Lower Upper

43 100

58 59.3 44.6 67.0

57 20.6 15.7 23.5

100 15.9 11.0 16.4



#49

Dibromochloromethane

Concen: 54.555 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043785.D

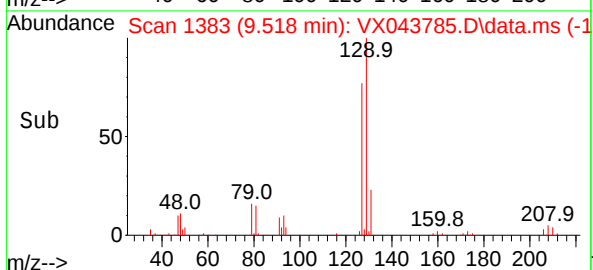
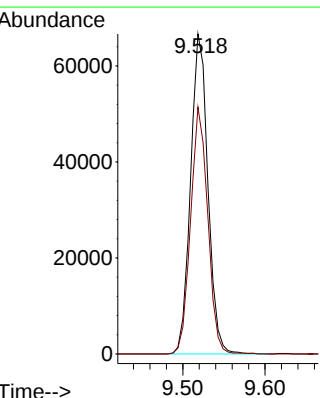
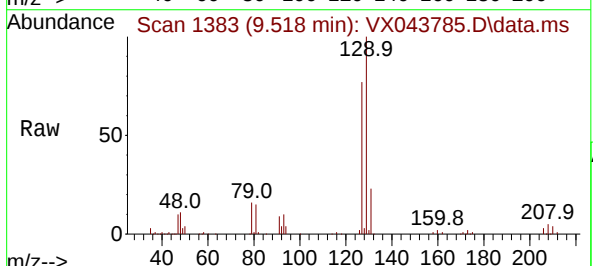
Acq: 11 Nov 2024 12:36

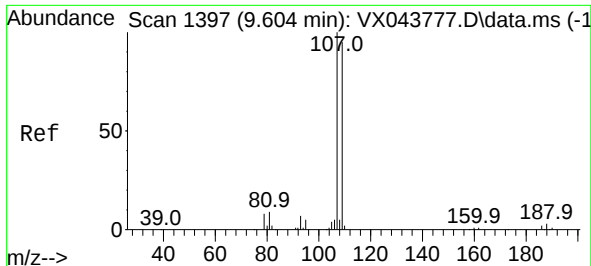
Tgt Ion:129 Resp: 97565

Ion Ratio Lower Upper

129 100

127 77.1 54.2 100.6





#50

1,2-Dibromoethane

Concen: 53.948 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

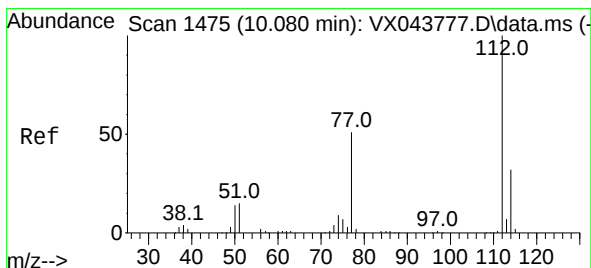
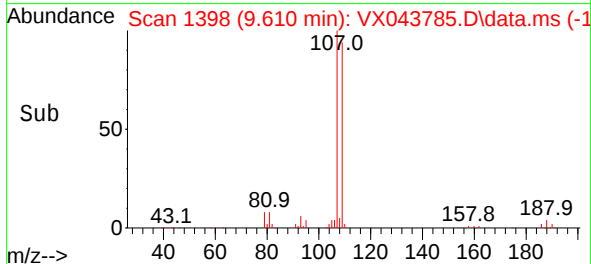
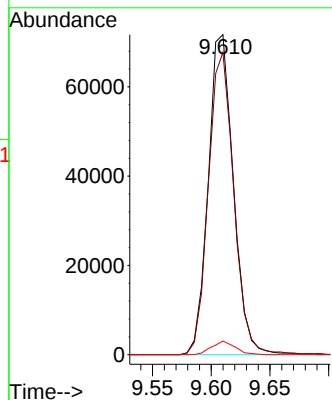
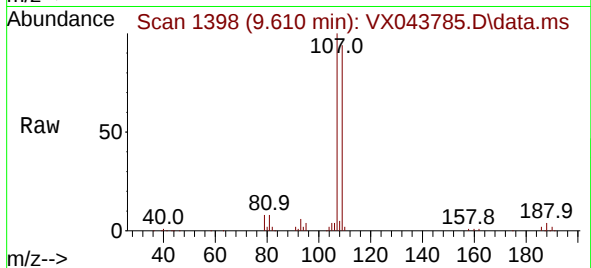
Tgt Ion:107 Resp: 106877

Ion Ratio Lower Upper

107 100

109 94.5 64.9 120.5

188 4.3 2.6 4.0#



#51

Chlorobenzene

Concen: 54.634 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

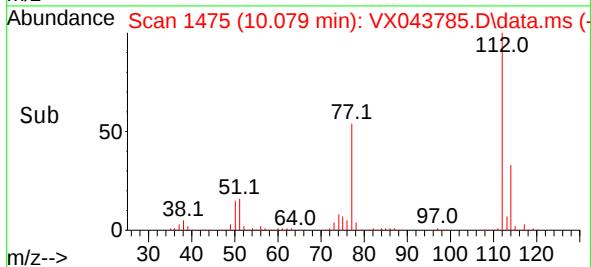
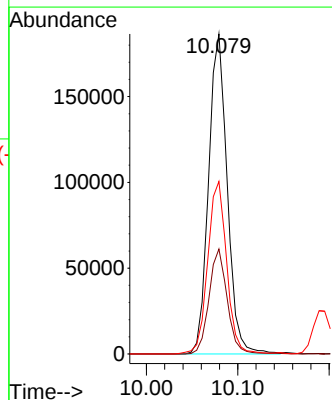
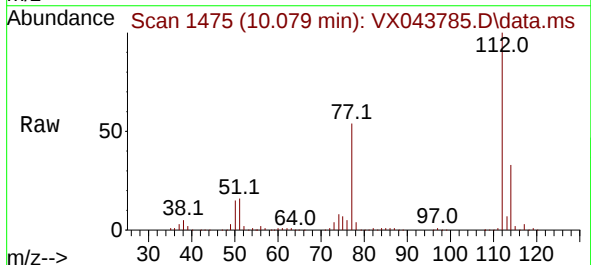
Tgt Ion:112 Resp: 263802

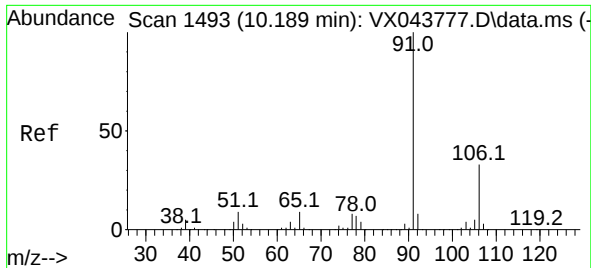
Ion Ratio Lower Upper

112 100

114 32.8 22.6 42.0

77 53.9 45.9 68.9

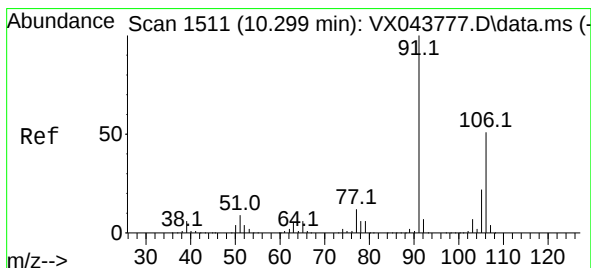
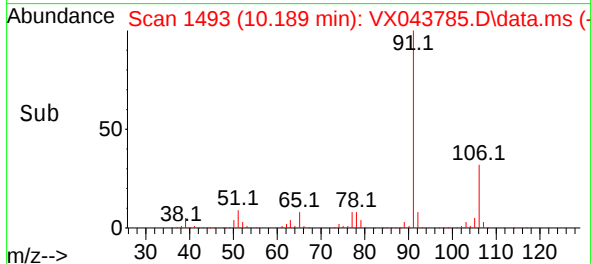
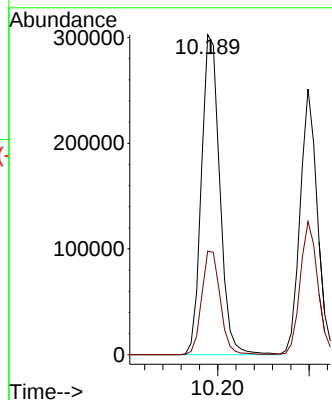
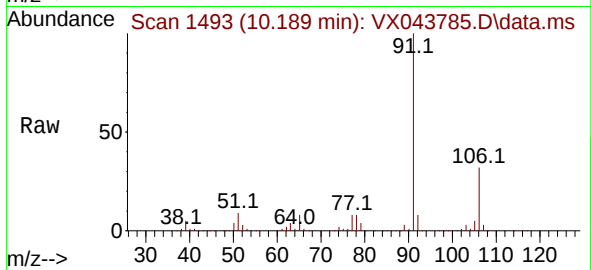




#52  
Ethylbenzene  
Concen: 52.499 ug/L  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

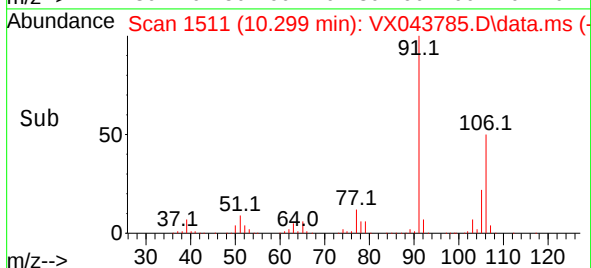
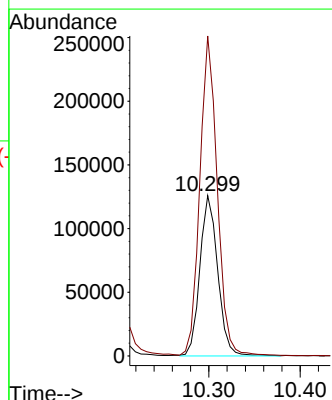
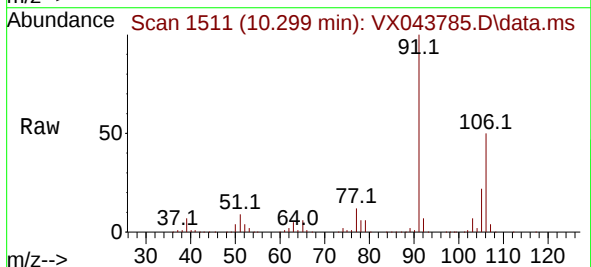
Instrument :  
MSVOA\_X  
ClientSampleId :

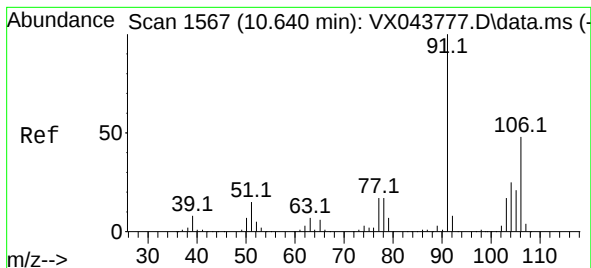
Tgt Ion: 91 Resp: 421609  
Ion Ratio Lower Upper  
91 100  
106 32.3 21.9 40.7



#53  
m,p-Xylene  
Concen: 55.086 ug/L  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Tgt Ion: 106 Resp: 170770  
Ion Ratio Lower Upper  
106 100  
91 199.6 140.6 261.2





#54

o-Xylene

Concen: 55.226 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

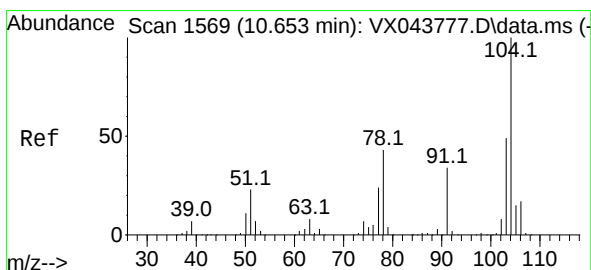
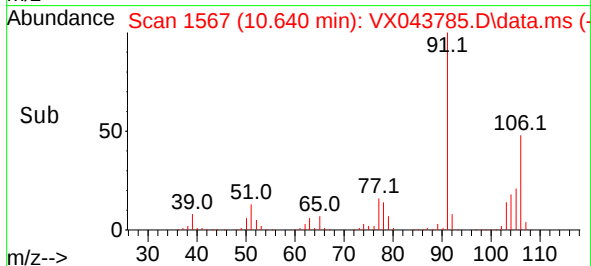
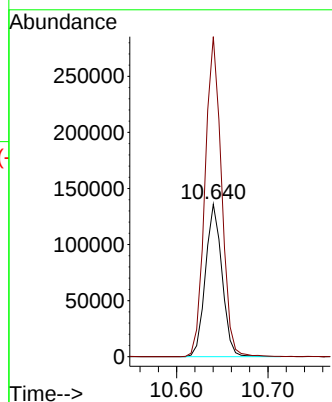
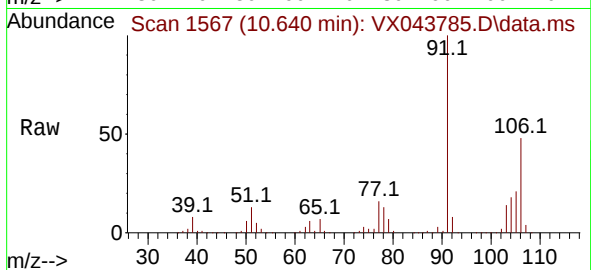
ClientSampleId :

Tgt Ion:106 Resp: 170684

Ion Ratio Lower Upper

106 100

91 209.8 151.9 282.1



#55

Styrene

Concen: 55.868 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043785.D

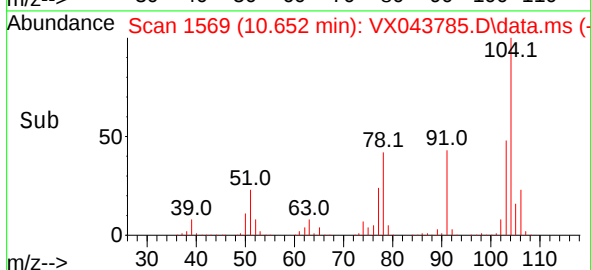
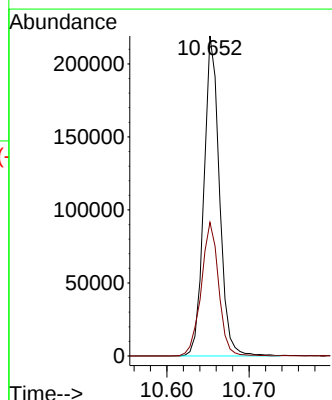
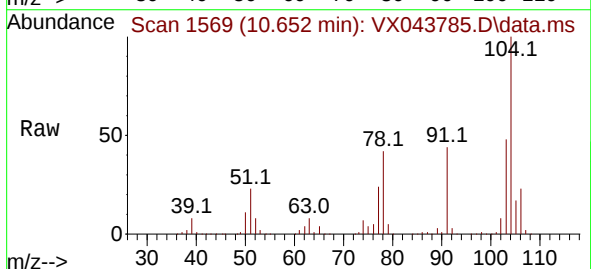
Acq: 11 Nov 2024 12:36

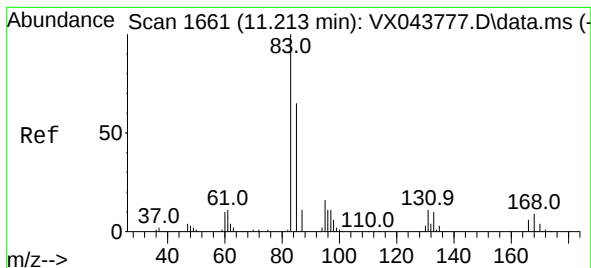
Tgt Ion:104 Resp: 287227

Ion Ratio Lower Upper

104 100

78 41.8 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 54.713 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

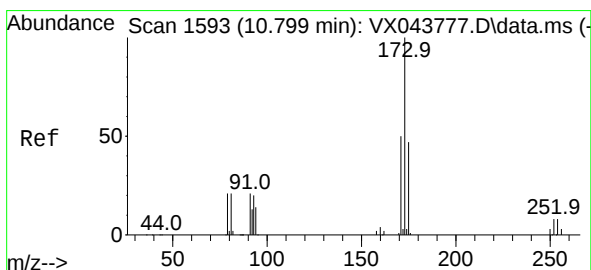
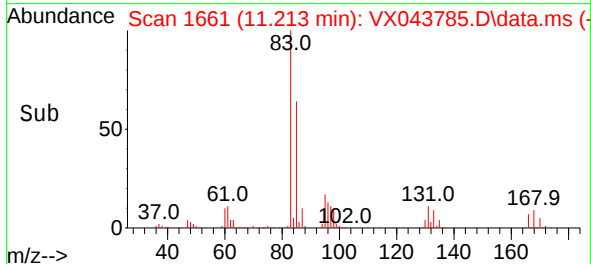
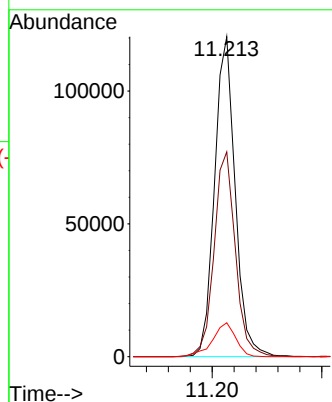
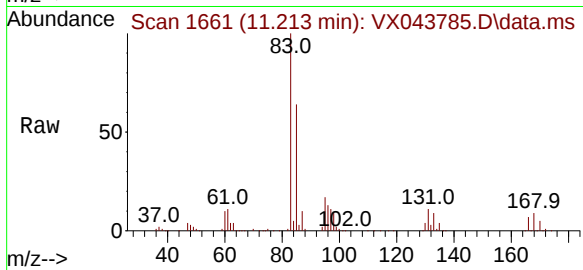
Tgt Ion: 83 Resp: 157227

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0

131 10.6 8.3 12.5



#59

Bromoform

Concen: 52.079 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

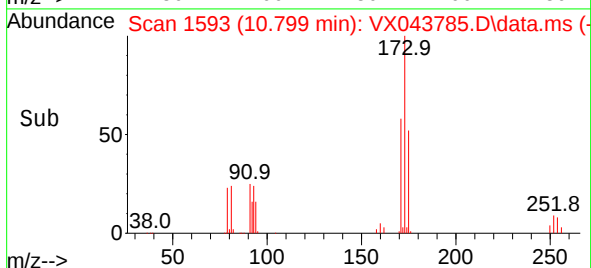
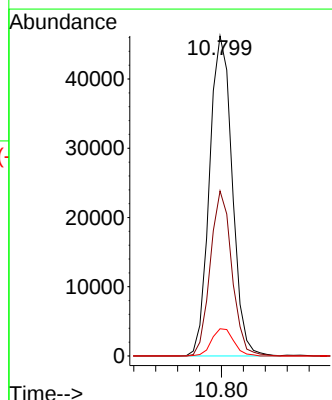
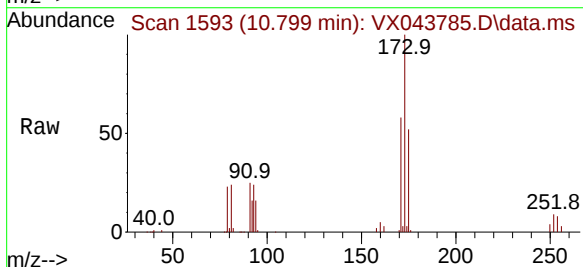
Tgt Ion:173 Resp: 66524

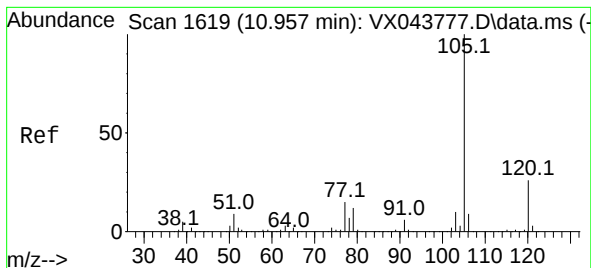
Ion Ratio Lower Upper

173 100

175 49.0 37.0 55.6

254 8.3 6.4 9.6





#60

Isopropylbenzene

Concen: 51.575 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

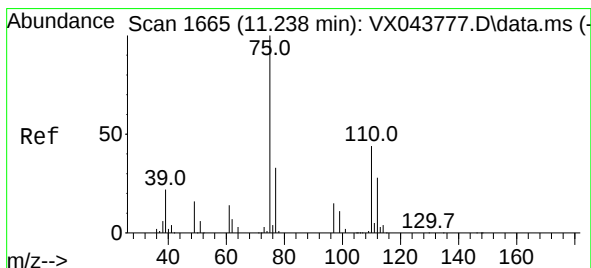
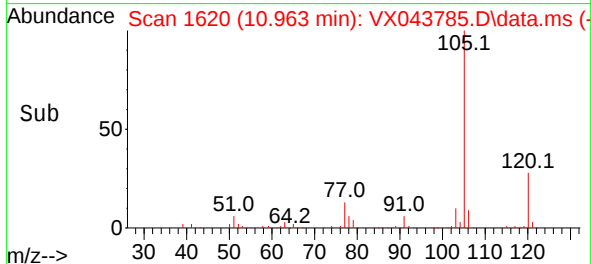
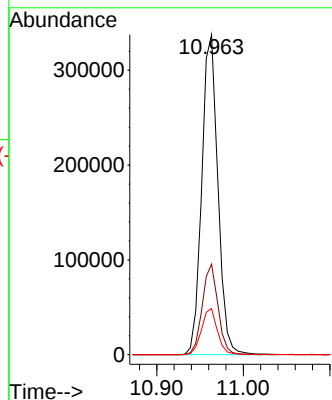
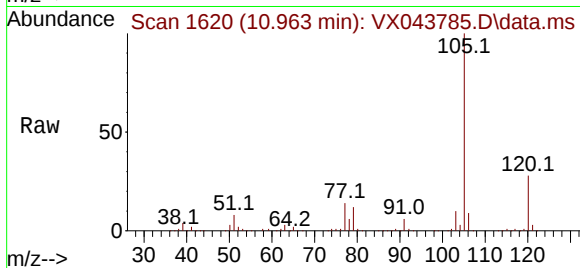
Tgt Ion:105 Resp: 436723

Ion Ratio Lower Upper

105 100

120 27.6 21.1 31.7

77 14.2 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 49.510 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

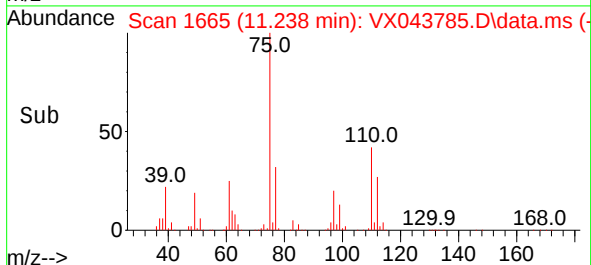
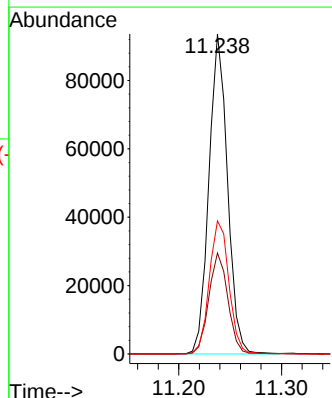
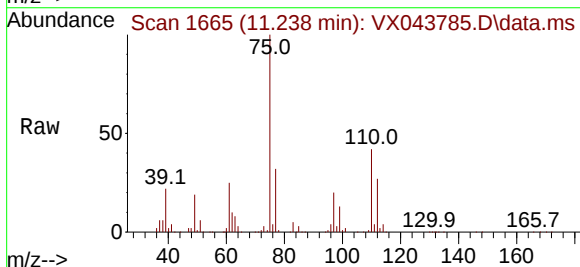
Tgt Ion: 75 Resp: 117361

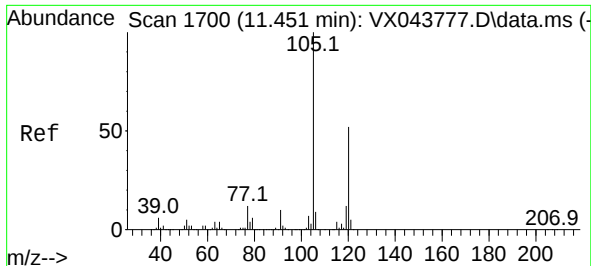
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

110 43.5 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 51.227 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

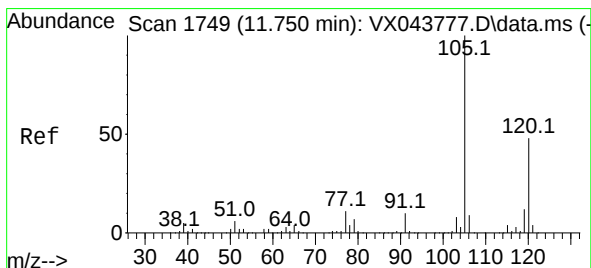
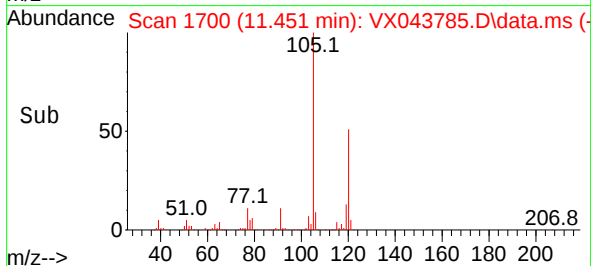
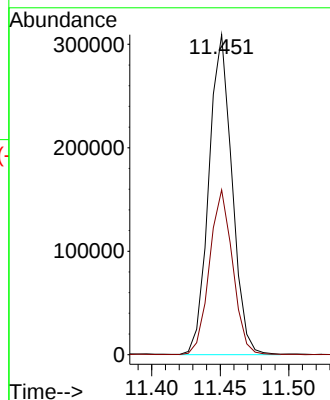
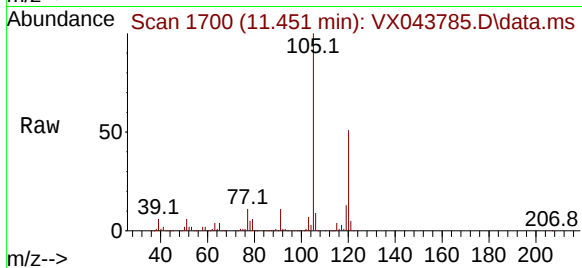
ClientSampleId :

Tgt Ion:105 Resp: 364608

Ion Ratio Lower Upper

105 100

120 51.4 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 51.712 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043785.D

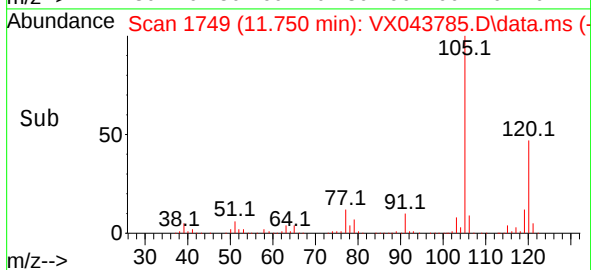
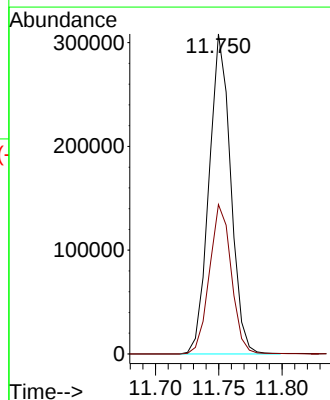
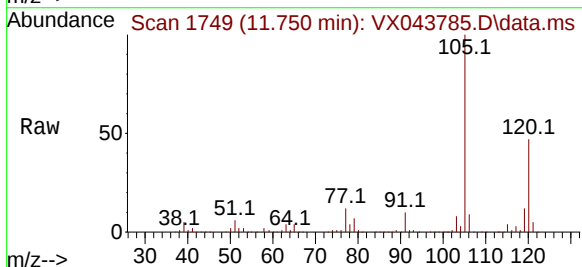
Acq: 11 Nov 2024 12:36

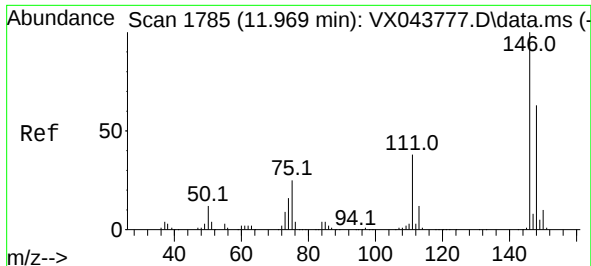
Tgt Ion:105 Resp: 366469

Ion Ratio Lower Upper

105 100

120 47.2 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 54.580 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

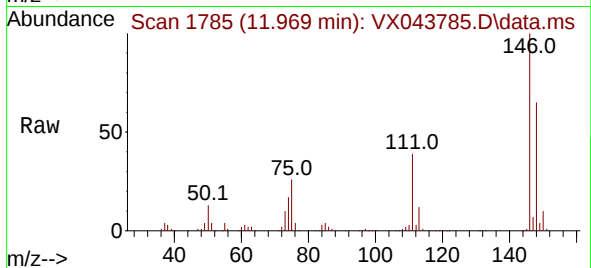
Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :



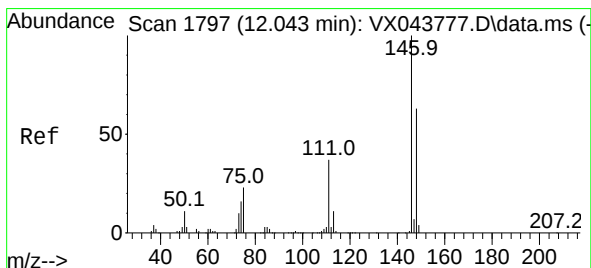
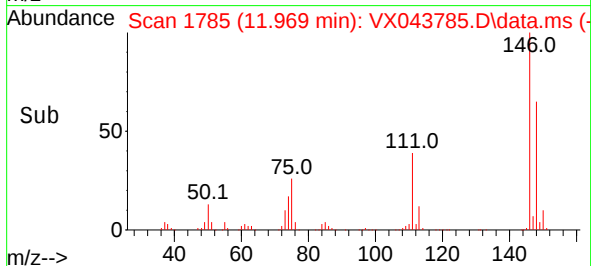
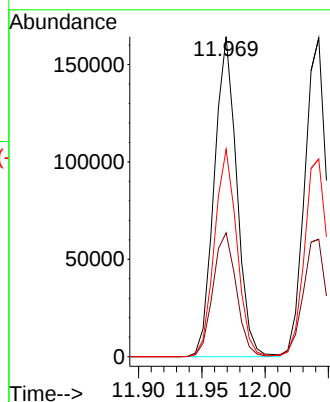
Tgt Ion:146 Resp: 203293

Ion Ratio Lower Upper

146 100

111 38.7 28.3 52.5

148 64.8 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 54.275 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

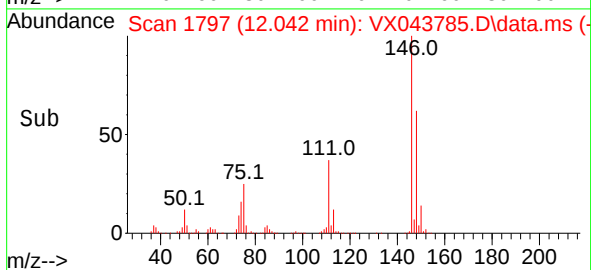
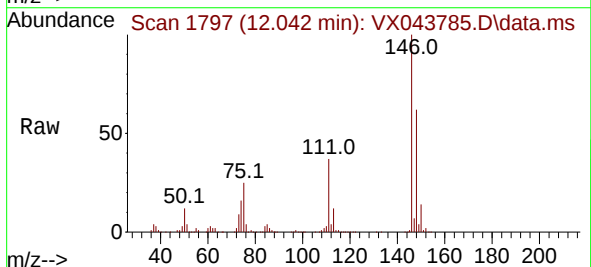
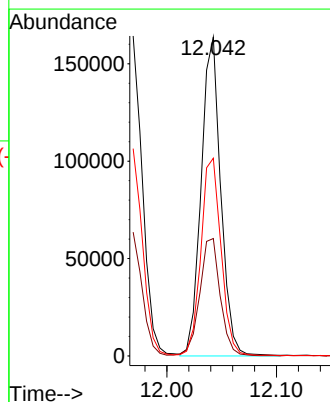
Tgt Ion:146 Resp: 203616

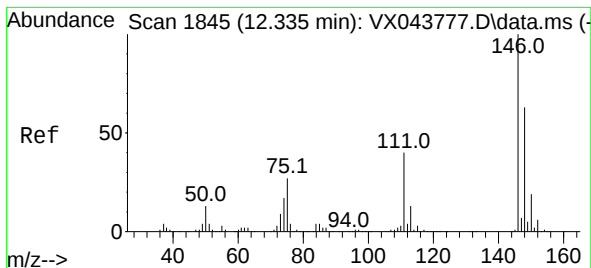
Ion Ratio Lower Upper

146 100

111 36.8 28.9 53.7

148 62.0 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 55.328 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

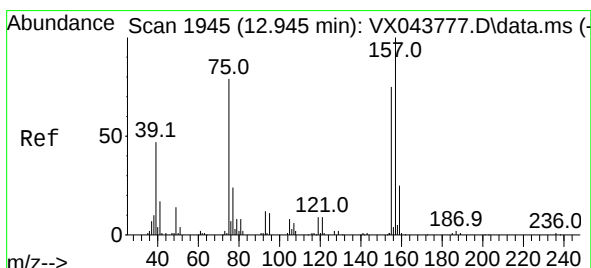
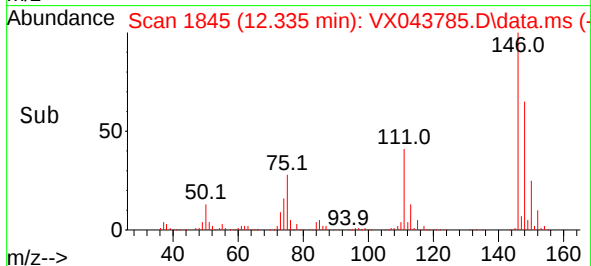
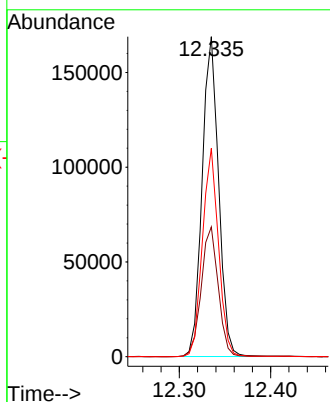
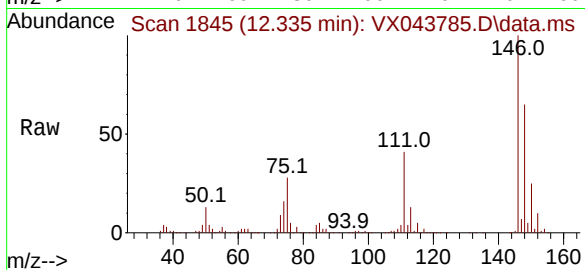
Tgt Ion:146 Resp: 210595

Ion Ratio Lower Upper

146 100

111 40.5 33.9 50.9

148 65.1 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 47.866 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

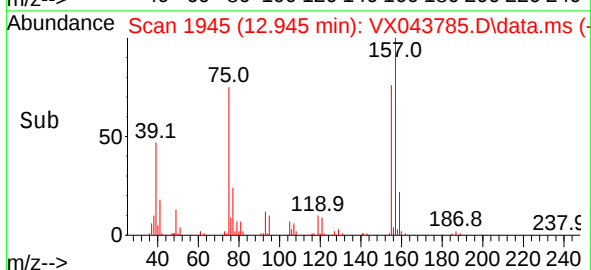
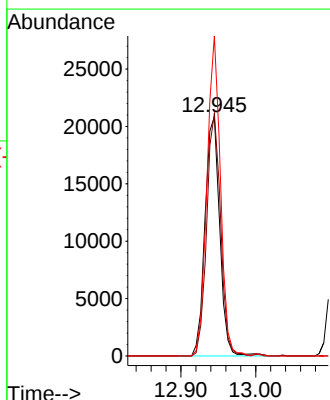
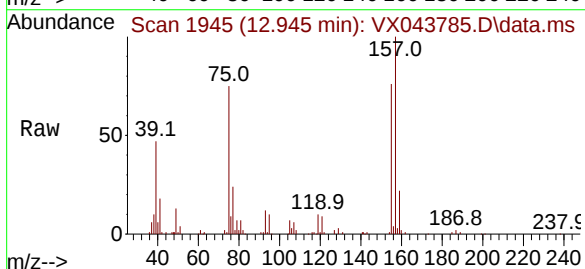
Tgt Ion: 75 Resp: 28412

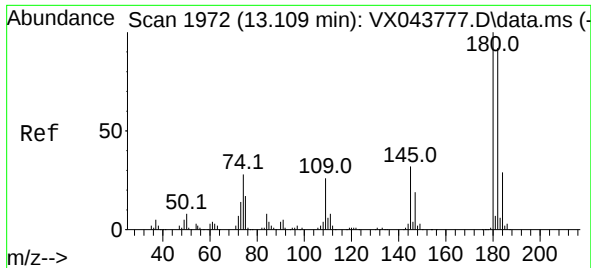
Ion Ratio Lower Upper

75 100

155 101.3 63.8 95.8#

157 133.7 80.3 120.5#





#69

1,3,5-Trichlorobenzene

Concen: 53.224 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min MSVOA\_X

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion:180 Resp: 132221

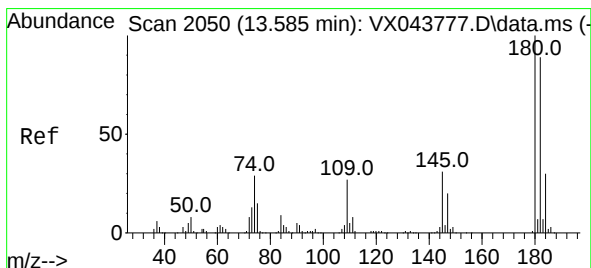
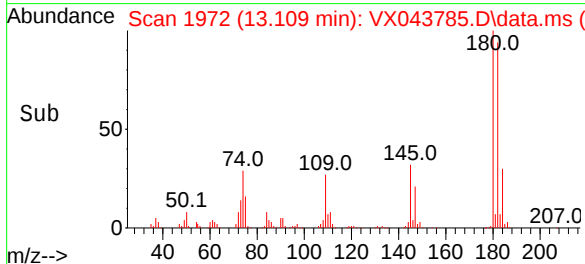
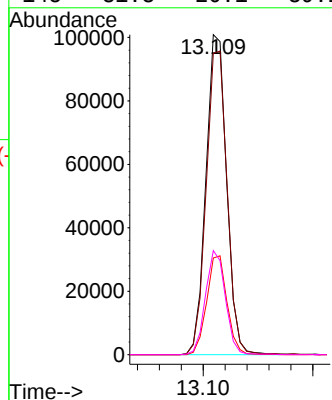
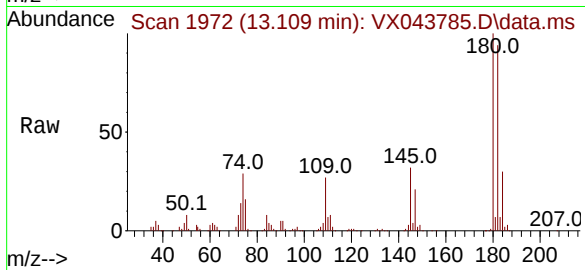
Ion Ratio Lower Upper

180 100

182 95.8 74.7 112.1

184 30.3 23.7 35.5

145 31.3 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 53.974 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043785.D

Acq: 11 Nov 2024 12:36

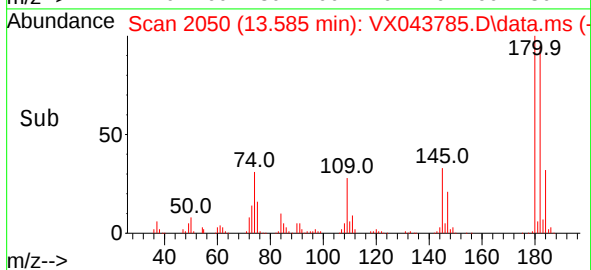
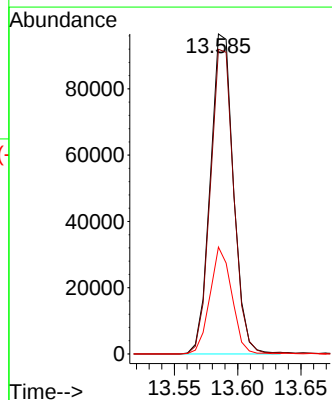
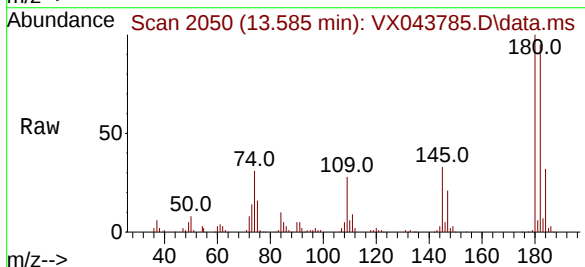
Tgt Ion:180 Resp: 122943

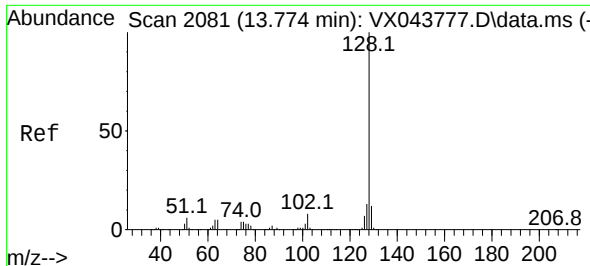
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

145 31.6 26.9 40.3

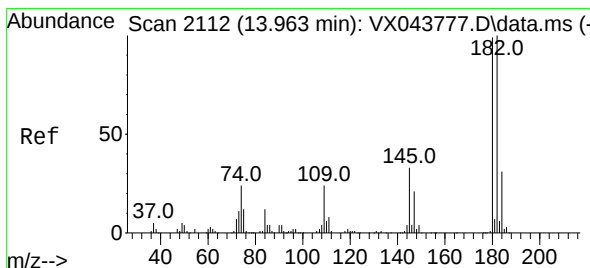
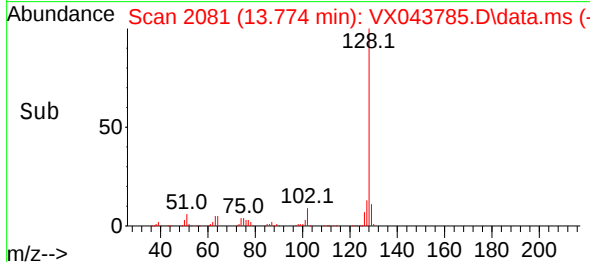
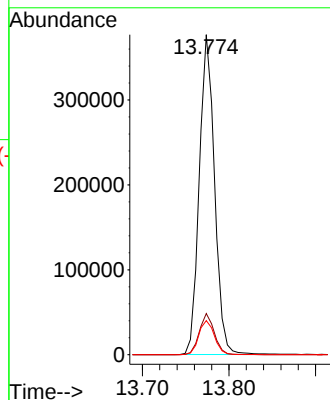
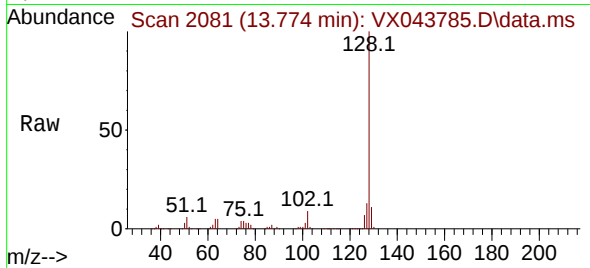




#71  
Naphthalene  
Concen: 54.590 ug/L  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 461763  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.2  
129 11.0 8.8 13.2



#72  
1,2,3-Trichlorobenzene  
Concen: 55.966 ug/L  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX043785.D  
Acq: 11 Nov 2024 12:36

Tgt Ion:180 Resp: 131750  
Ion Ratio Lower Upper  
180 100  
182 92.1 75.8 113.8  
145 33.1 28.4 42.6

