

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041524\  
 Data File : VX041089.D  
 Acq On : 15 Apr 2024 19:20  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Apr 16 02:53:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 16 02:47:54 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 316545   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 299605   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 174293   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 79254    | 35.201   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 70.400%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 70240    | 38.252   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 76.500%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 65    | 33925    | 35.293   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.580%  |
| 21) 2-Butanone-d5             | 4.452   | 46    | 115562   | 94.226   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 94.230%  |
| 24) Chloroform-d              | 5.062   | 84    | 174871   | 41.626   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.260%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 110947   | 40.601   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.200%  |
| 32) Benzene-d6                | 5.977   | 84    | 330312   | 40.610   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.220%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 99370    | 41.889   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 83.780%  |
| 41) Toluene-d8                | 8.647   | 98    | 312782   | 39.362   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 78.720%# |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 46411    | 38.877   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 77.760%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 88404    | 88.390   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 88.390%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 159116   | 45.281   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 146913   | 42.020   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 84.040%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.166   | 85    | 100831   | 48.374   | ug/L   | 98       |
| 3) Chloromethane              | 1.301   | 50    | 98946    | 50.006   | ug/L   | 98       |
| 5) Vinyl chloride             | 1.374   | 62    | 111790   | 47.016   | ug/L   | 98       |
| 6) Bromomethane               | 1.605   | 94    | 71949    | 50.049   | ug/L   | 96       |
| 8) Chloroethane               | 1.691   | 64    | 71619    | 48.408   | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.892   | 101   | 171731   | 45.842   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.331   | 101   | 102558   | 47.904   | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 90100    | 47.384   | ug/L   | 95       |
| 13) Acetone                   | 2.380   | 43    | 91975    | 69.191   | ug/L   | 97       |
| 14) Carbon disulfide          | 2.514   | 76    | 199843   | 41.822   | ug/L   | 100      |
| 15) Methyl Acetate            | 2.703   | 43    | 112386   | 48.701   | ug/L   | 100      |
| 16) Methylene chloride        | 2.788   | 84    | 98839    | 49.871   | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 92211    | 46.849   | ug/L   | 99       |
| 18) Methyl tert-butyl Ether   | 3.117   | 73    | 303164   | 49.072   | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.611   | 63    | 172419   | 49.320   | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 109024   | 48.618   | ug/L   | 98       |
| 22) 2-Butanone                | 4.556   | 43    | 152105   | 87.416   | ug/L   | 98       |
| 23) Bromochloromethane        | 4.904   | 128   | 60502    | 49.629   | ug/L   | 99       |
| 25) Chloroform                | 5.093   | 83    | 188025   | 49.076   | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041524\  
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 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Apr 16 02:53:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 16 02:47:54 2024  
 Response via : Initial Calibration

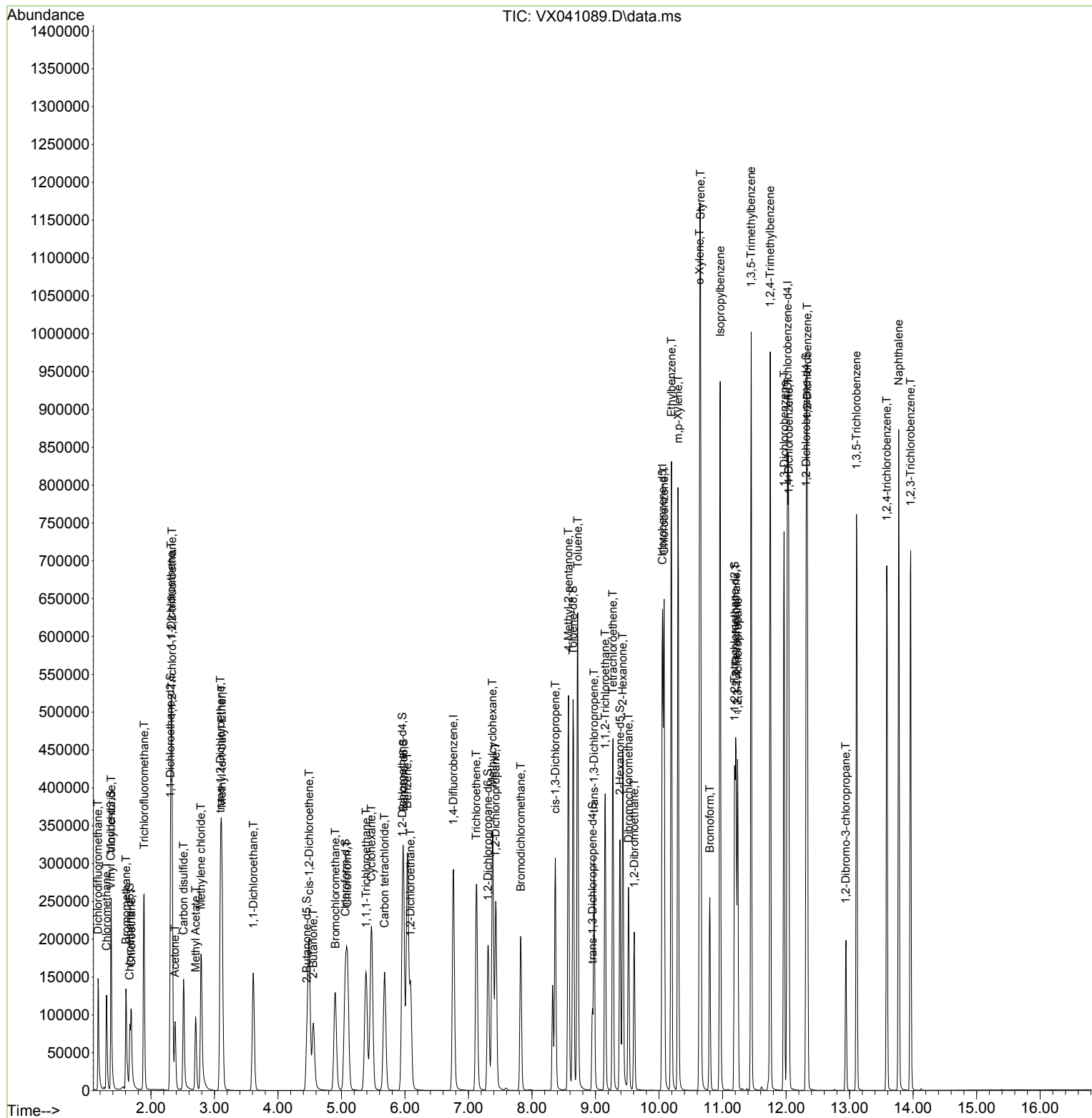
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 6.086  | 62   | 147628   | 47.940 | ug/L  | 99       |
| 29) Cyclohexane               | 5.471  | 56   | 147138   | 49.022 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 5.385  | 97   | 161462   | 48.090 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.678  | 117  | 145023   | 47.399 | ug/L  | 99       |
| 33) Benzene                   | 6.038  | 78   | 383868   | 49.383 | ug/L  | 100      |
| 34) Trichloroethene           | 7.123  | 95   | 104474   | 46.852 | ug/L  | 98       |
| 35) Methylcyclohexane         | 7.379  | 83   | 154339   | 48.804 | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 7.428  | 63   | 100032   | 49.716 | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.824  | 83   | 133878   | 47.463 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 154083   | 46.872 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 8.574  | 43   | 303871   | 99.722 | ug/L  | 99       |
| 42) Toluene                   | 8.720  | 91   | 424388   | 49.299 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 142519   | 46.391 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 109097   | 49.918 | ug/L  | 98       |
| 46) Tetrachloroethene         | 9.275  | 164  | 100117   | 47.671 | ug/L  | 99       |
| 48) 2-Hexanone                | 9.427  | 43   | 243726   | 99.564 | ug/L  | 99       |
| 49) Dibromochloromethane      | 9.519  | 129  | 118751   | 48.176 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 116814   | 49.546 | ug/L  | 98       |
| 51) Chlorobenzene             | 10.079 | 112  | 296423   | 49.135 | ug/L  | 98       |
| 52) Ethylbenzene              | 10.195 | 91   | 483214   | 49.473 | ug/L  | 99       |
| 53) m,p-Xylene                | 10.299 | 106  | 193044   | 49.569 | ug/L  | 97       |
| 54) o-Xylene                  | 10.640 | 106  | 187599   | 49.951 | ug/L  | 98       |
| 55) Styrene                   | 10.653 | 104  | 326148   | 50.512 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 171416   | 50.624 | ug/L  | 98       |
| 59) Bromoform                 | 10.799 | 173  | 98894    | 46.233 | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.963 | 105  | 508352   | 49.890 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 133626   | 50.209 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 413968   | 50.395 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 417217   | 50.458 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 256918   | 48.052 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 12.043 | 146  | 260290   | 47.423 | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 256482   | 49.451 | ug/L  | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75   | 35522    | 46.671 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 13.109 | 180  | 204128   | 49.853 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 187632   | 48.356 | ug/L  | 99       |
| 71) Naphthalene               | 13.774 | 128  | 543527   | 51.116 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 192057   | 50.468 | ug/L  | 100      |

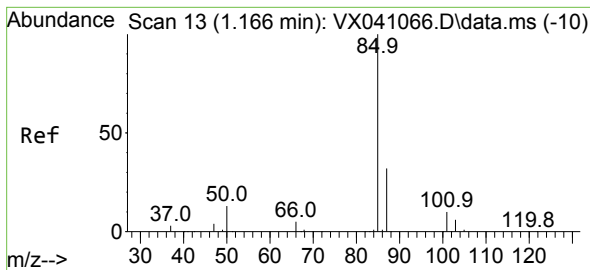
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 16 02:53:29 2024  
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 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 16 02:47:54 2024  
 Response via : Initial Calibration

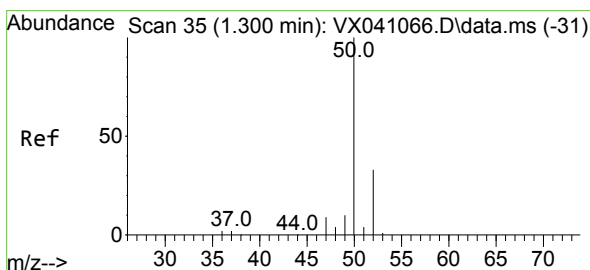
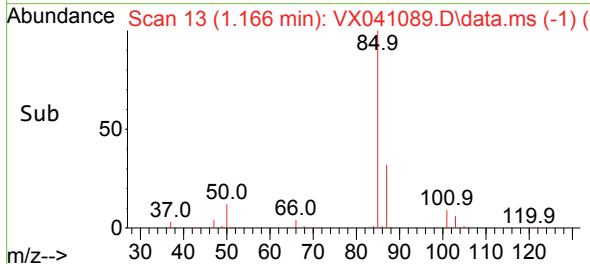
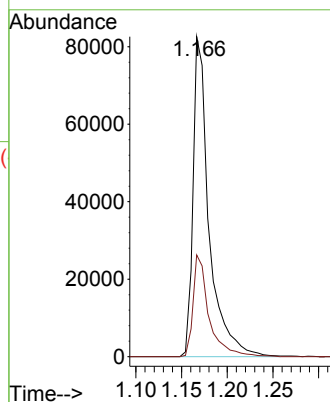
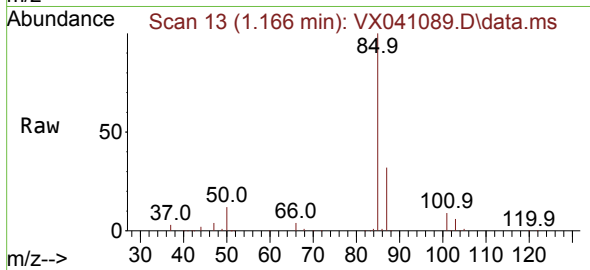




#2  
 Dichlorodifluoromethane  
 Concen: 48.374 ug/L  
 RT: 1.166 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX041089.D  
 Acq: 15 Apr 2024 19:20

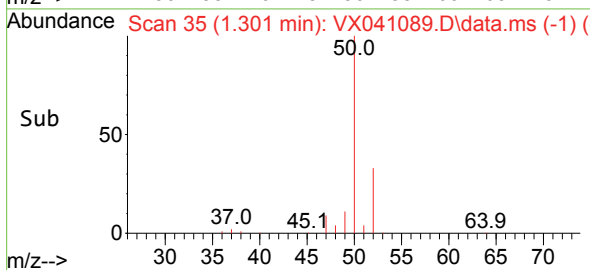
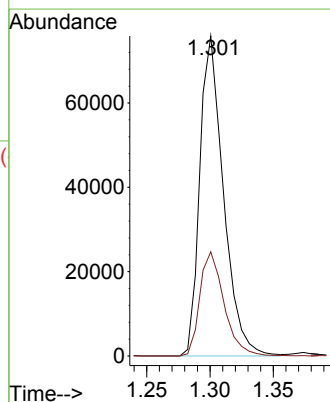
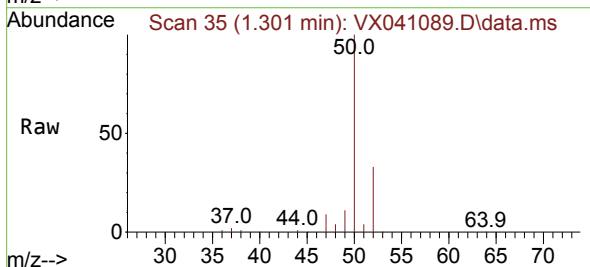
Instrument :  
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 ClientSampleId :

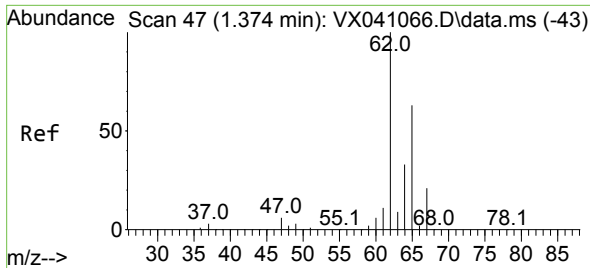
Tgt Ion: 85 Resp: 100831  
 Ion Ratio Lower Upper  
 85 100  
 87 31.7 26.2 39.2



#3  
 Chloromethane  
 Concen: 50.006 ug/L  
 RT: 1.301 min Scan# 35  
 Delta R.T. 0.000 min  
 Lab File: VX041089.D  
 Acq: 15 Apr 2024 19:20

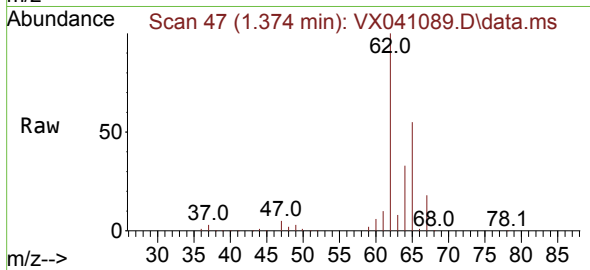
Tgt Ion: 50 Resp: 98946  
 Ion Ratio Lower Upper  
 50 100  
 52 32.5 23.5 43.7



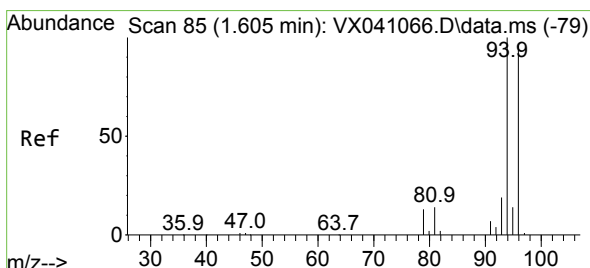
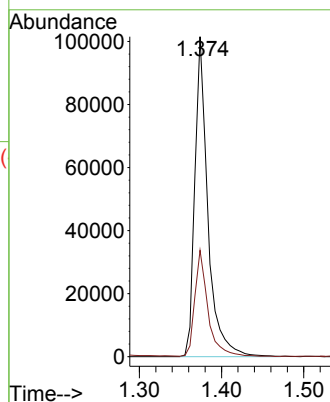
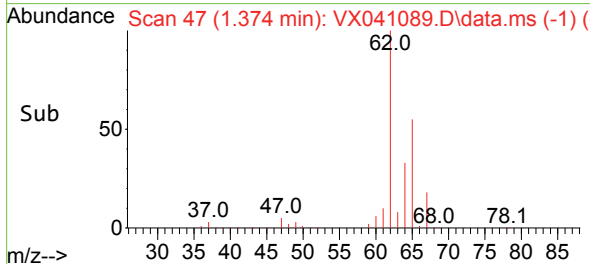


#5  
 Vinyl chloride  
 Concen: 47.016 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX041089.D  
 Acq: 15 Apr 2024 19:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :

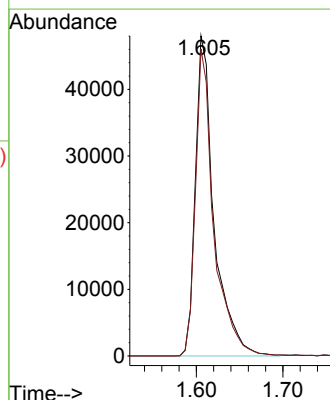
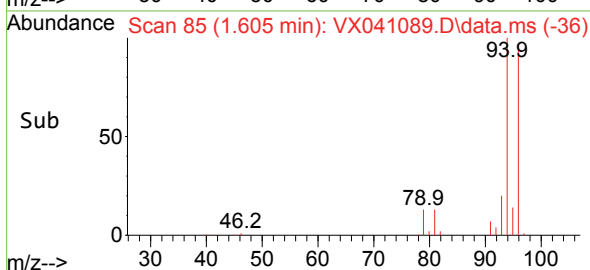
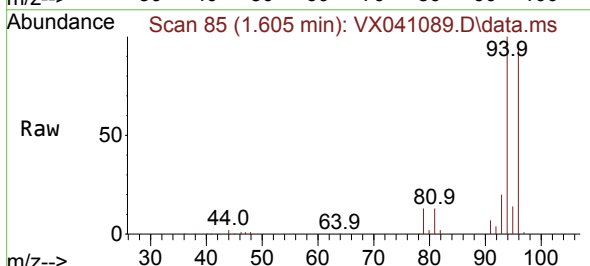


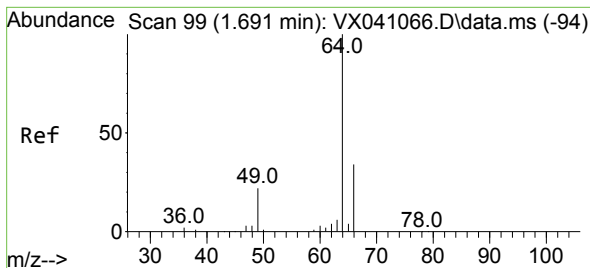
Tgt Ion: 62 Resp: 111790  
 Ion Ratio Lower Upper  
 62 100  
 64 33.3 22.5 41.9



#6  
 Bromomethane  
 Concen: 50.049 ug/L  
 RT: 1.605 min Scan# 85  
 Delta R.T. 0.000 min  
 Lab File: VX041089.D  
 Acq: 15 Apr 2024 19:20

Tgt Ion: 94 Resp: 71949  
 Ion Ratio Lower Upper  
 94 100  
 96 96.0 64.8 120.3





#8

Chloroethane

Concen: 48.408 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

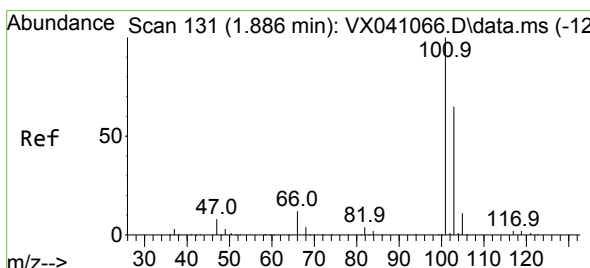
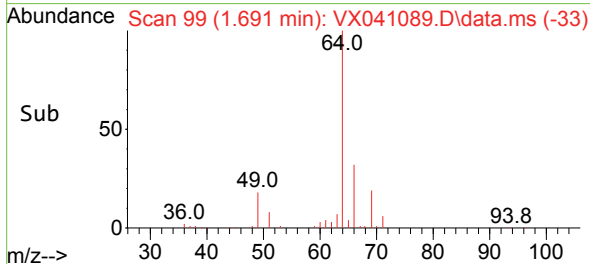
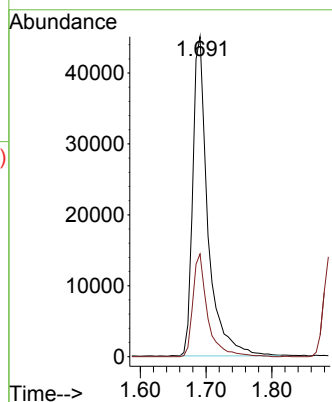
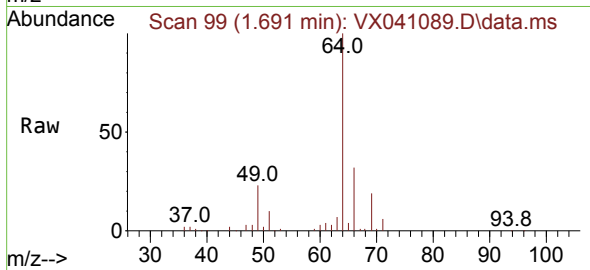
ClientSampleId :

Tgt Ion: 64 Resp: 71619

Ion Ratio Lower Upper

64 100

66 32.1 21.8 40.6



#9

Trichlorofluoromethane

Concen: 45.842 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.006 min

Lab File: VX041089.D

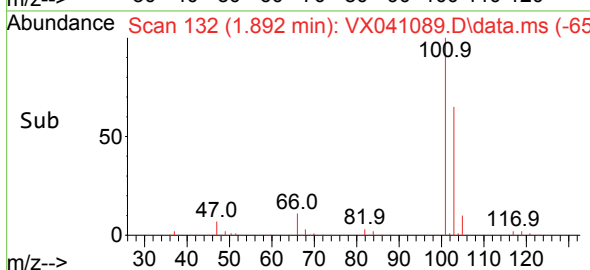
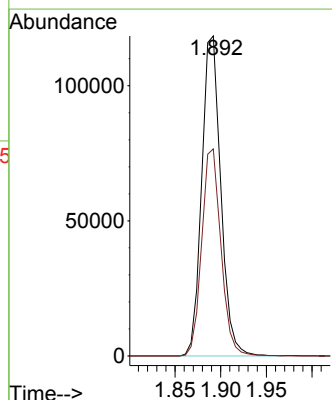
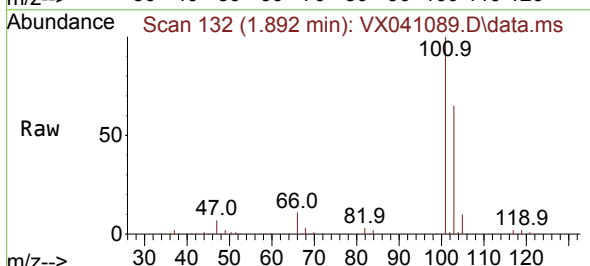
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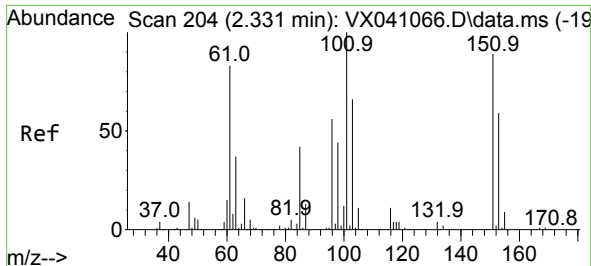
Tgt Ion: 101 Resp: 171731

Ion Ratio Lower Upper

101 100

103 65.3 52.5 78.7

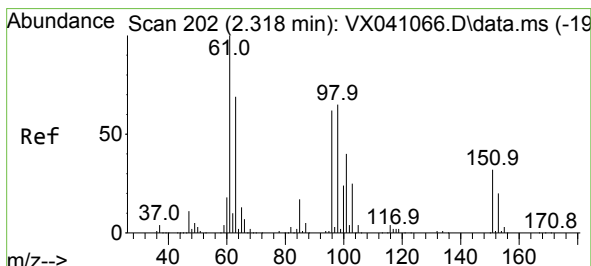
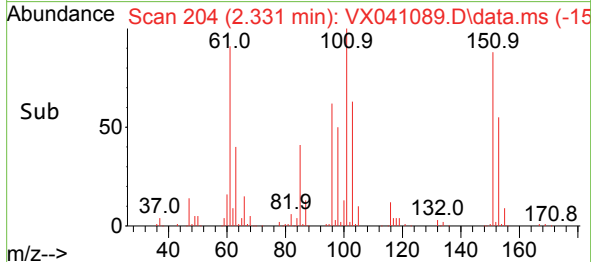
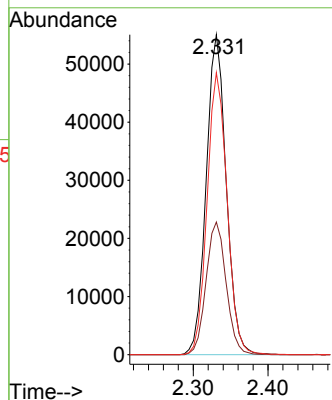
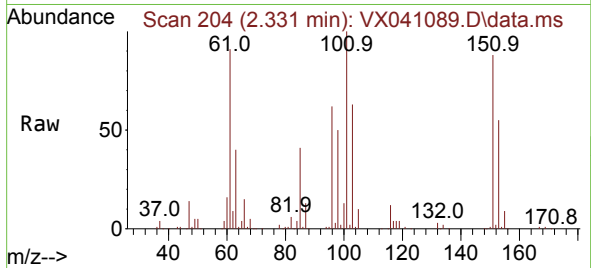




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 47.904 ug/L  
 RT: 2.331 min Scan# 204  
 Delta R.T. 0.000 min  
 Lab File: VX041089.D  
 Acq: 15 Apr 2024 19:20

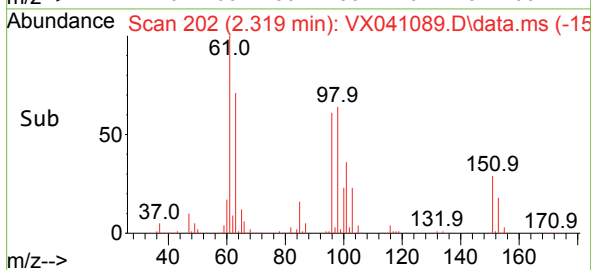
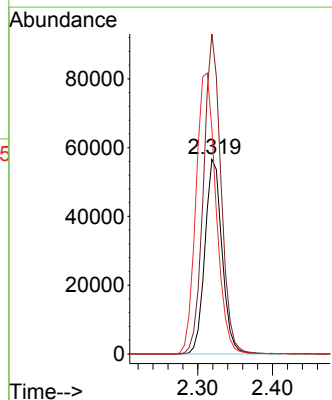
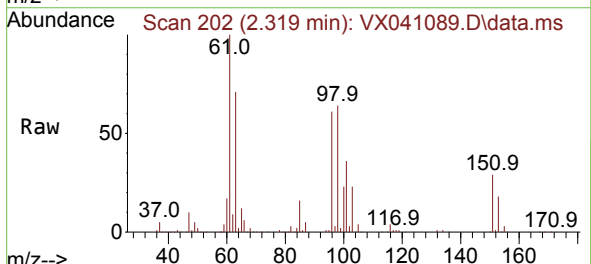
Instrument :  
 MSVOA\_X  
 ClientSampleId :

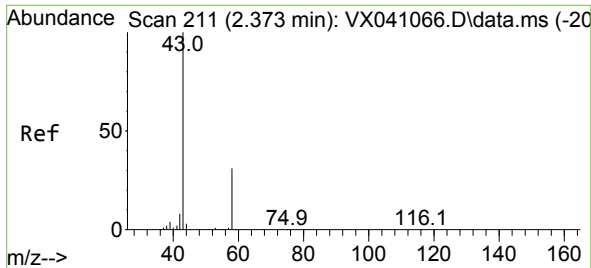
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 Ion Ratio Lower Upper  
 101 100  
 85 41.5 33.7 50.5  
 151 87.9 69.9 104.9



#12  
 1,1-Dichloroethene  
 Concen: 47.384 ug/L  
 RT: 2.319 min Scan# 202  
 Delta R.T. 0.000 min  
 Lab File: VX041089.D  
 Acq: 15 Apr 2024 19:20

Tgt Ion: 96 Resp: 90100  
 Ion Ratio Lower Upper  
 96 100  
 61 164.5 113.6 211.0  
 63 116.0 89.3 165.9





#13

Acetone

Concen: 69.191 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

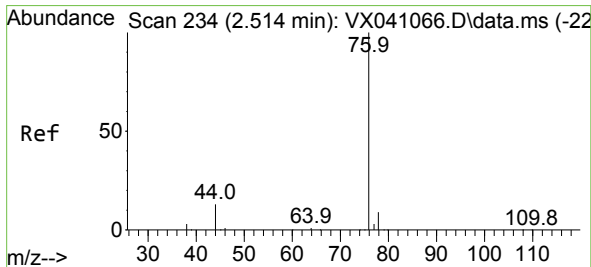
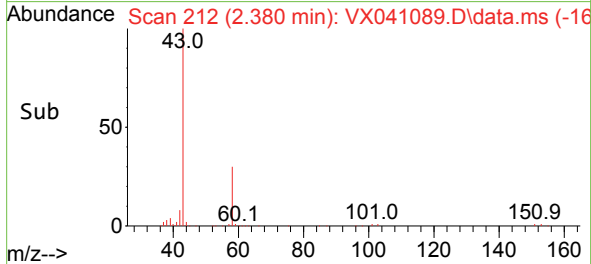
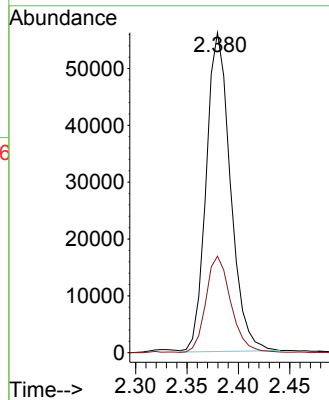
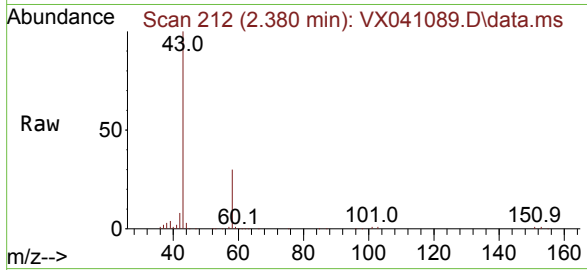
ClientSampleId :

Tgt Ion: 43 Resp: 91975

Ion Ratio Lower Upper

43 100

58 31.4 0.0 59.4



#14

Carbon disulfide

Concen: 41.822 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX041089.D

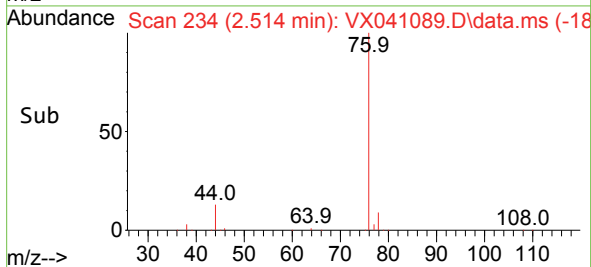
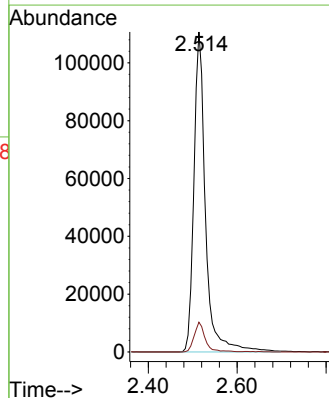
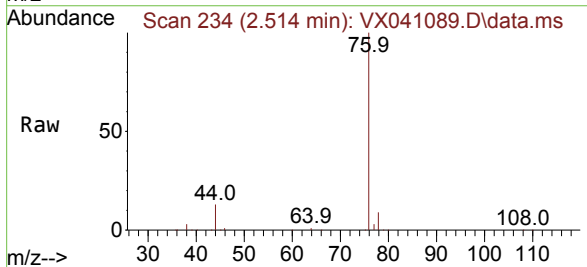
Acq: 15 Apr 2024 19:20

Tgt Ion: 76 Resp: 199843

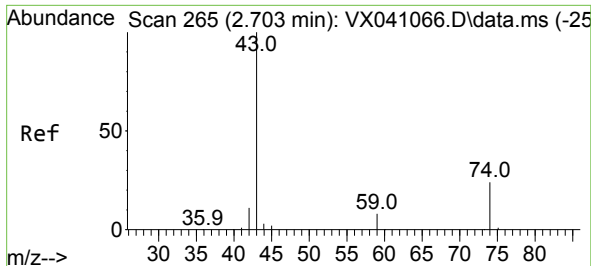
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



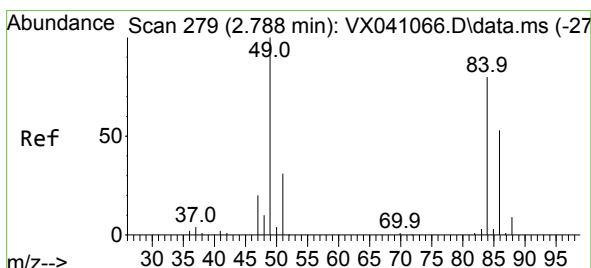
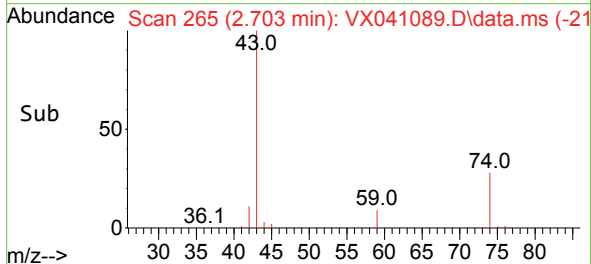
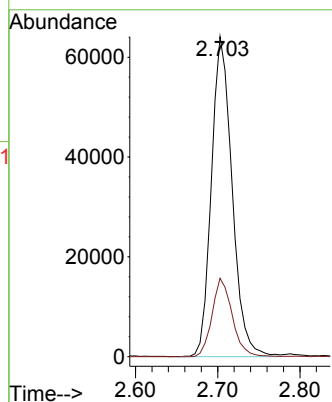
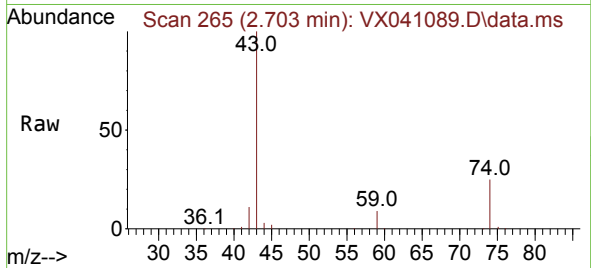




#15  
Methyl Acetate  
Concen: 48.701 ug/L  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

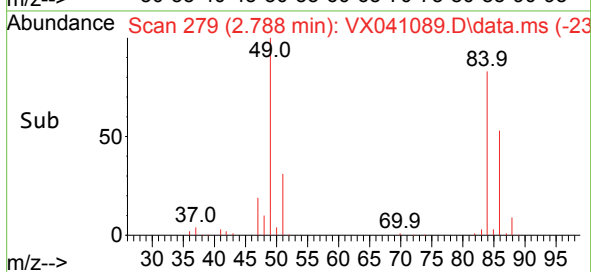
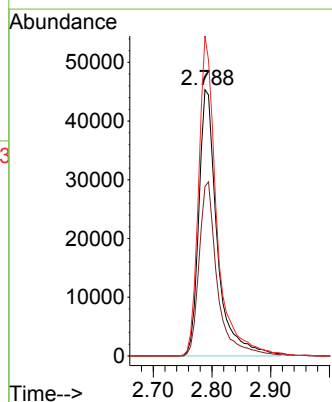
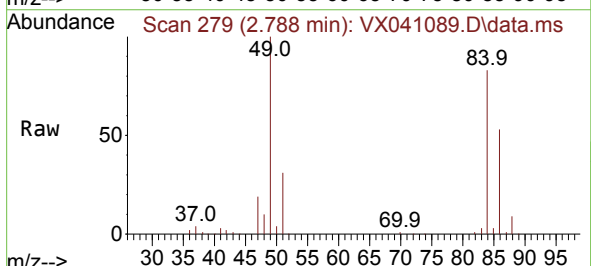
Instrument :  
MSVOA\_X  
ClientSampleId :

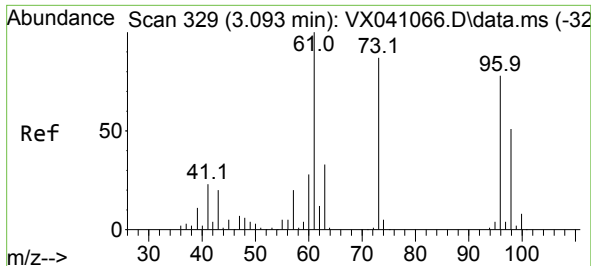
Tgt Ion: 43 Resp: 112386  
Ion Ratio Lower Upper  
43 100  
74 23.8 19.2 28.8



#16  
Methylene chloride  
Concen: 49.871 ug/L  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Tgt Ion: 84 Resp: 98839  
Ion Ratio Lower Upper  
84 100  
86 63.7 45.9 85.3  
49 120.2 83.1 154.3

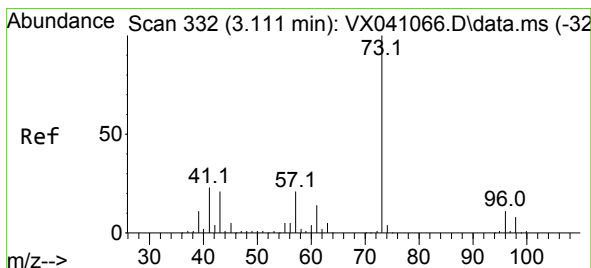
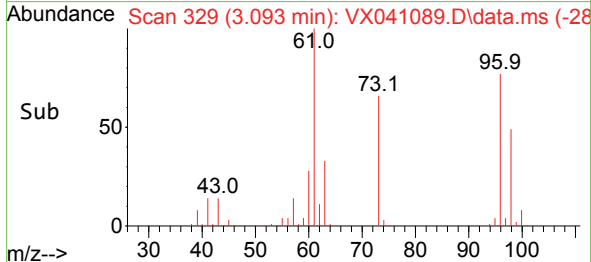
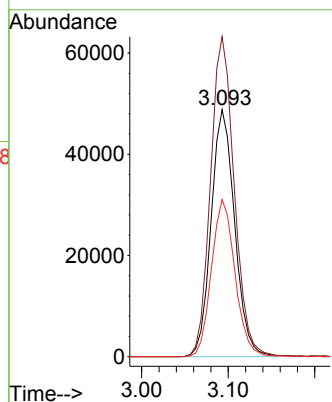
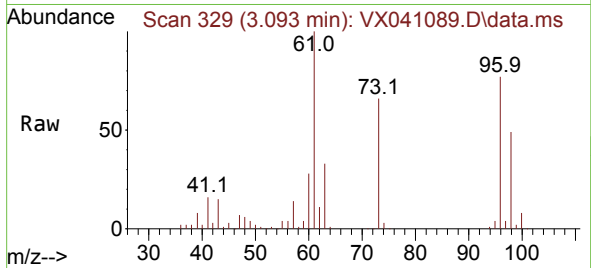




#17  
trans-1,2-Dichloroethene  
Concen: 46.849 ug/L  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

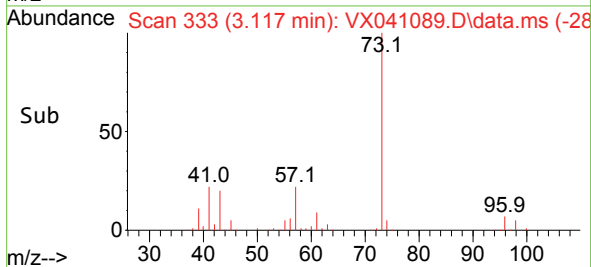
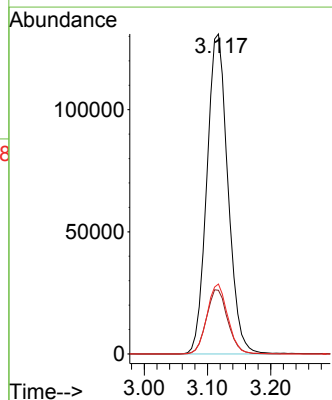
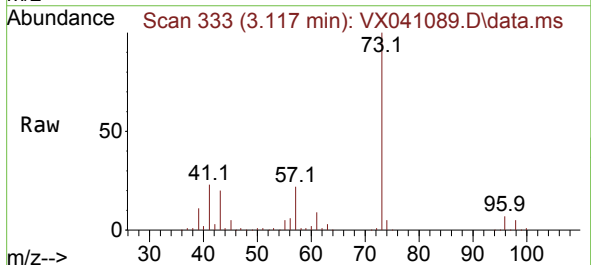
Instrument :  
MSVOA\_X  
ClientSampleId :

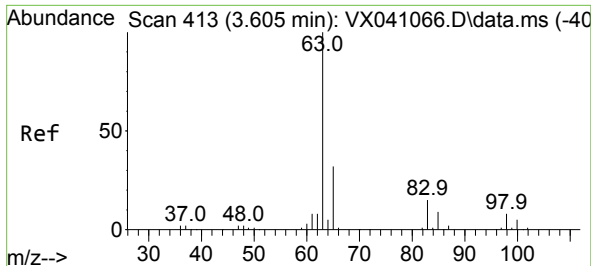
Tgt Ion: 96 Resp: 92211  
Ion Ratio Lower Upper  
96 100  
61 129.5 91.4 169.8  
98 63.6 45.6 84.6



#18  
Methyl tert-butyl Ether  
Concen: 49.072 ug/L  
RT: 3.117 min Scan# 333  
Delta R.T. 0.006 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Tgt Ion: 73 Resp: 303164  
Ion Ratio Lower Upper  
73 100  
43 20.3 16.6 25.0  
57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 49.320 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

ClientSampleId :

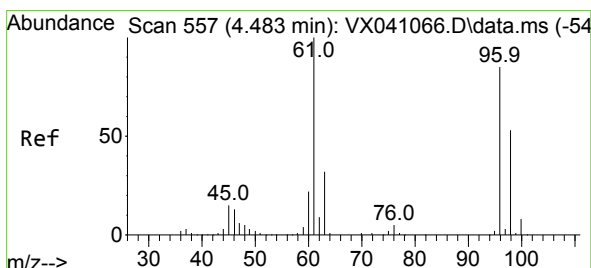
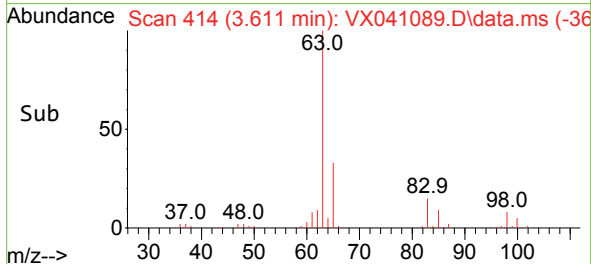
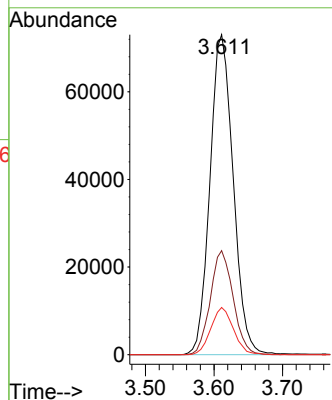
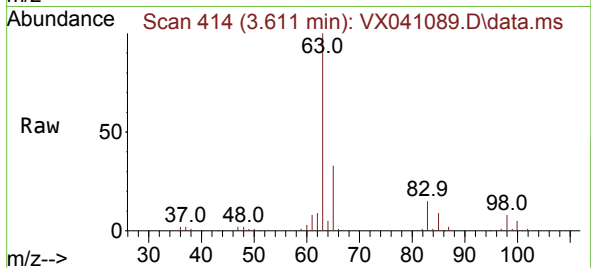
Tgt Ion: 63 Resp: 172419

Ion Ratio Lower Upper

63 100

65 32.5 22.9 42.5

83 14.7 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 48.618 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

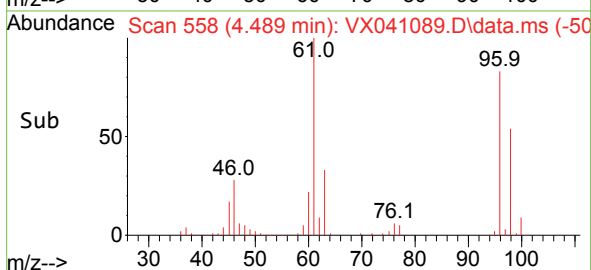
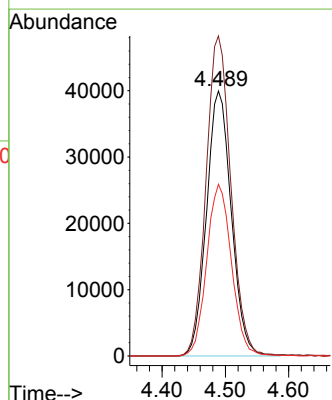
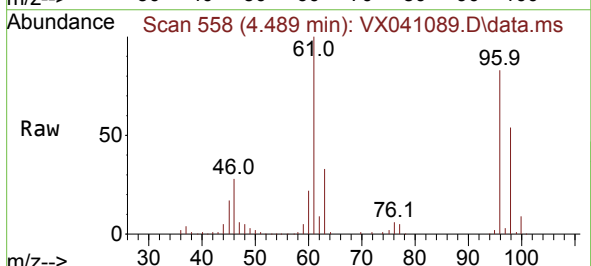
Tgt Ion: 96 Resp: 109024

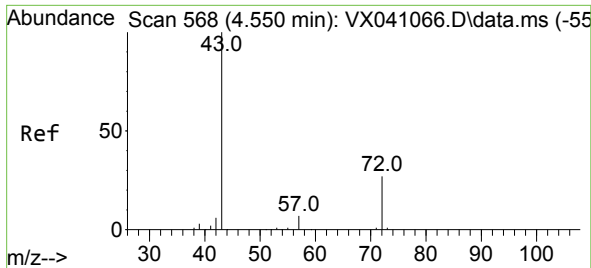
Ion Ratio Lower Upper

96 100

61 120.8 82.6 153.4

98 64.8 46.0 85.4

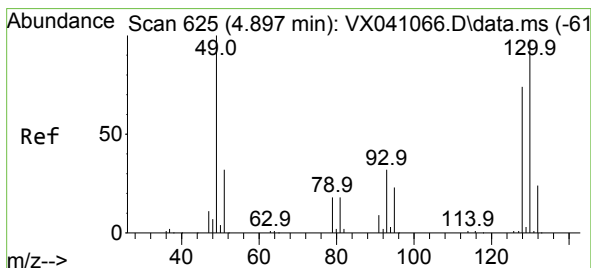
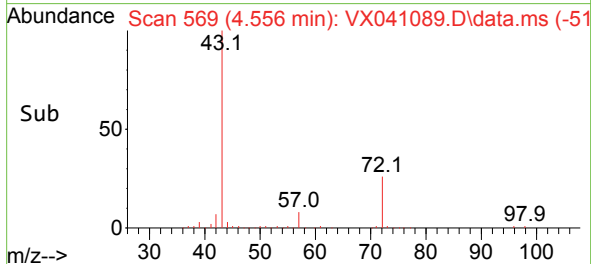
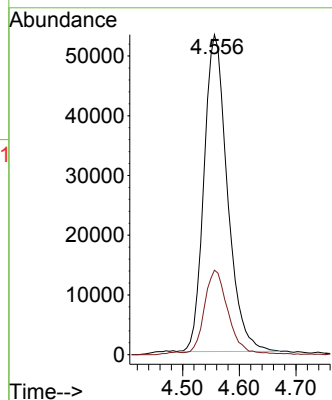
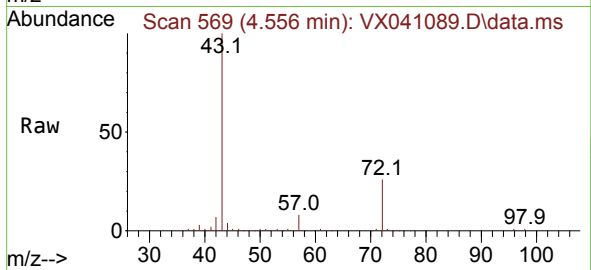




#22  
2-Butanone  
Concen: 87.416 ug/L  
RT: 4.556 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

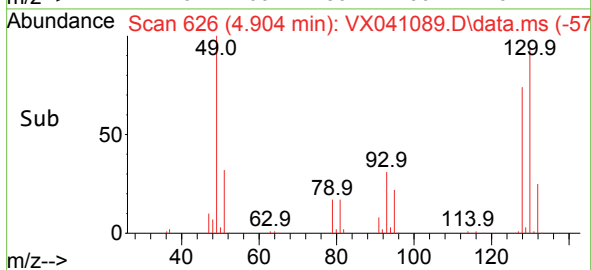
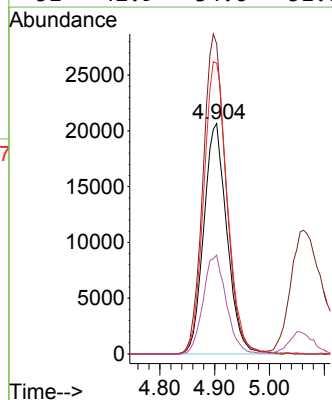
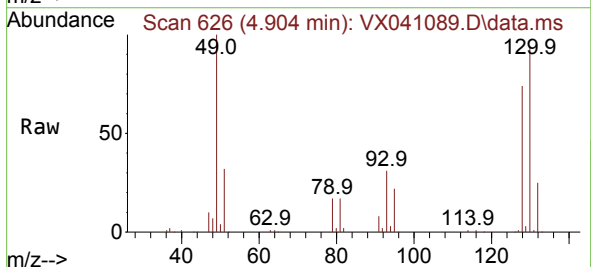
Instrument :  
MSVOA\_X  
ClientSampleId :

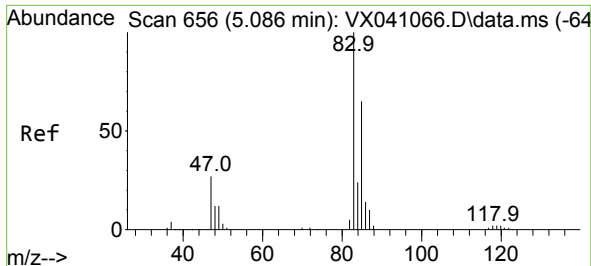
Tgt Ion: 43 Resp: 152105  
Ion Ratio Lower Upper  
43 100  
72 27.2 13.2 39.6



#23  
Bromochloromethane  
Concen: 49.629 ug/L  
RT: 4.904 min Scan# 626  
Delta R.T. 0.006 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Tgt Ion:128 Resp: 60502  
Ion Ratio Lower Upper  
128 100  
49 134.5 96.4 179.0  
130 126.2 87.9 163.3  
51 42.9 34.6 51.8

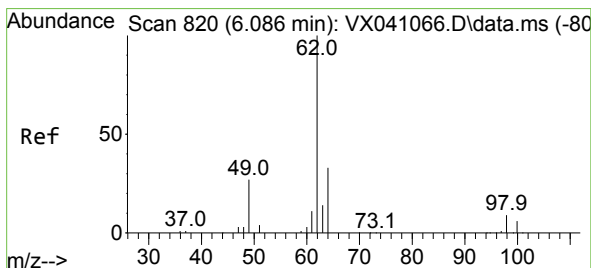
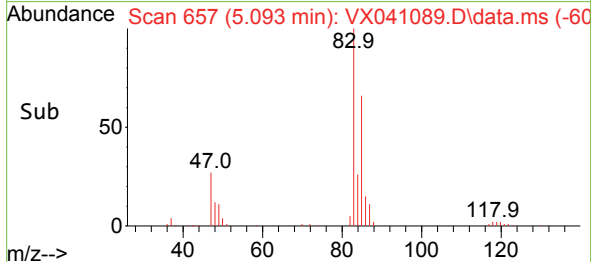
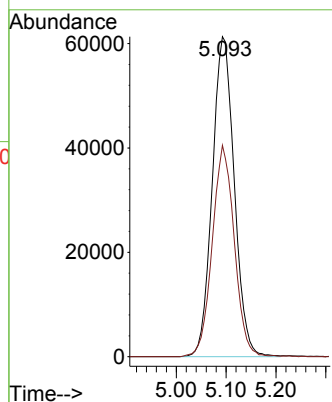
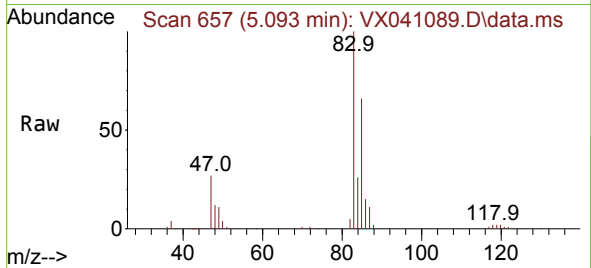




#25  
Chloroform  
Concen: 49.076 ug/L  
RT: 5.093 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

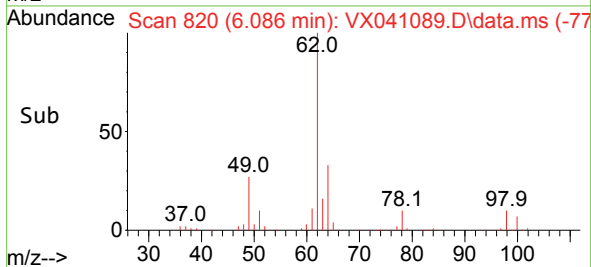
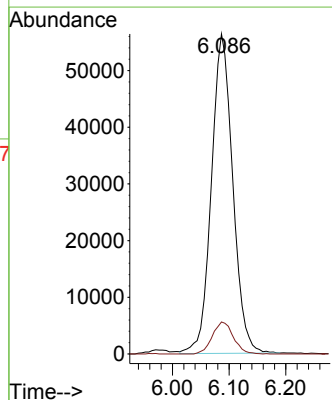
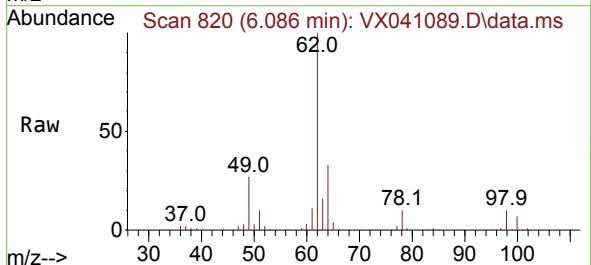
Instrument :  
MSVOA\_X  
ClientSampleId :

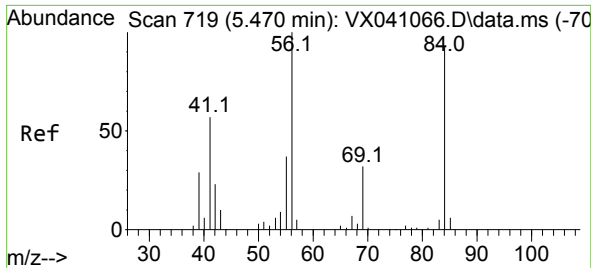
Tgt Ion: 83 Resp: 188025  
Ion Ratio Lower Upper  
83 100  
85 66.1 45.4 84.4



#27  
1,2-Dichloroethane  
Concen: 47.940 ug/L  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

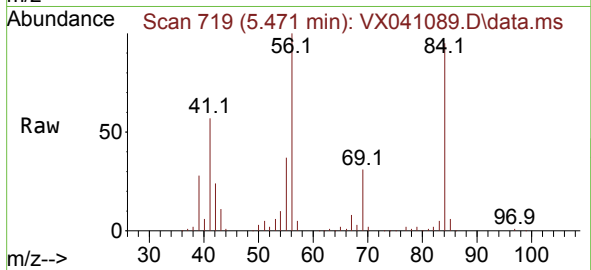
Tgt Ion: 62 Resp: 147628  
Ion Ratio Lower Upper  
62 100  
98 10.0 7.7 11.5



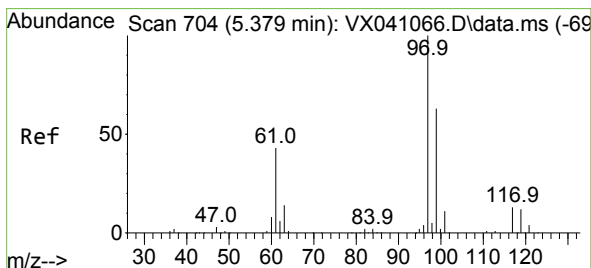
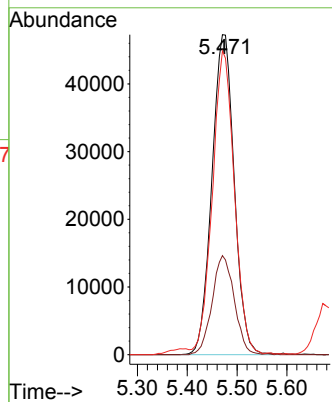
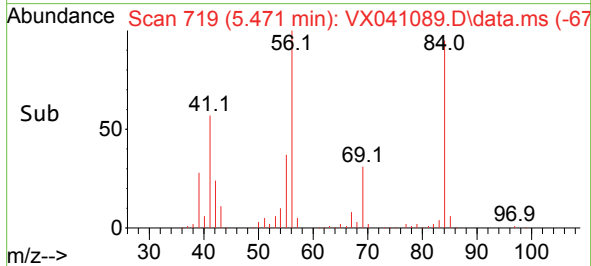


#29  
Cyclohexane  
Concen: 49.022 ug/L  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Instrument :  
MSVOA\_X  
ClientSampleId :

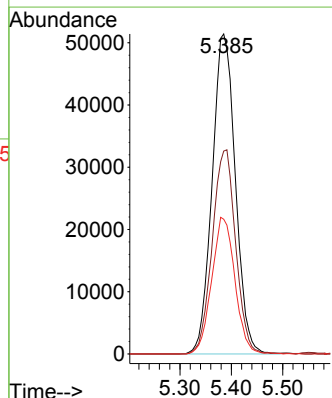
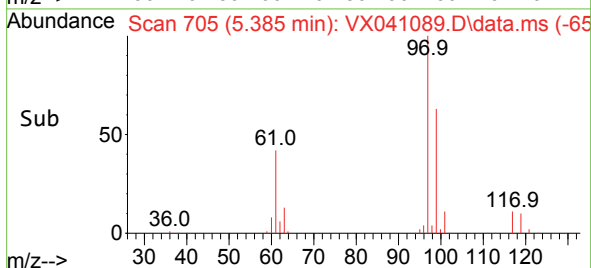
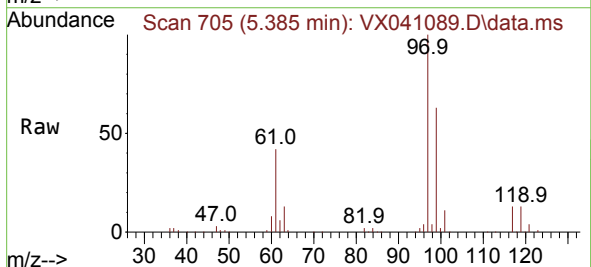


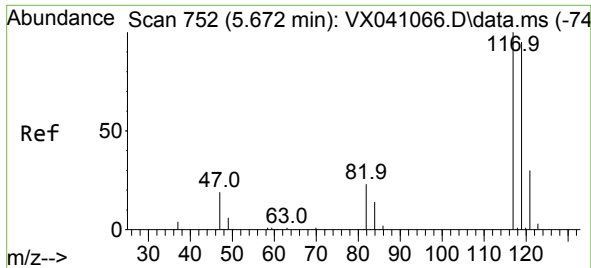
Tgt Ion: 56 Resp: 147138  
Ion Ratio Lower Upper  
56 100  
69 30.6 25.0 37.4  
84 93.1 74.9 112.3



#30  
1,1,1-Trichloroethane  
Concen: 48.090 ug/L  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Tgt Ion: 97 Resp: 161462  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.0 76.4  
61 42.5 34.0 51.0

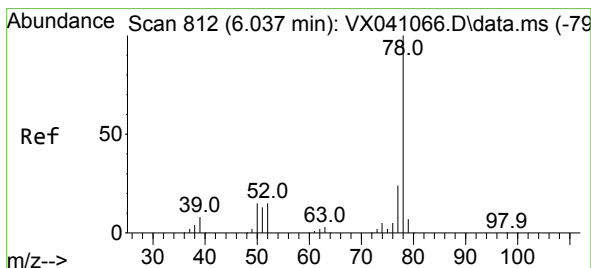
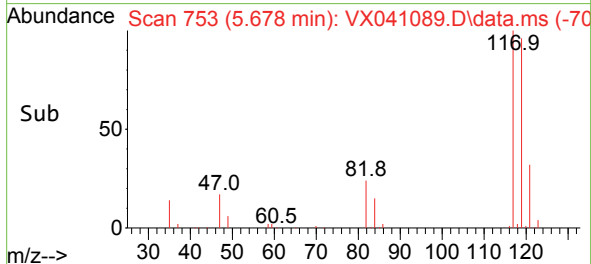
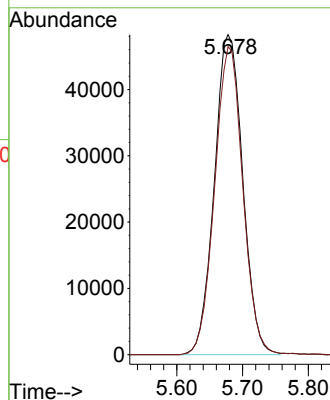
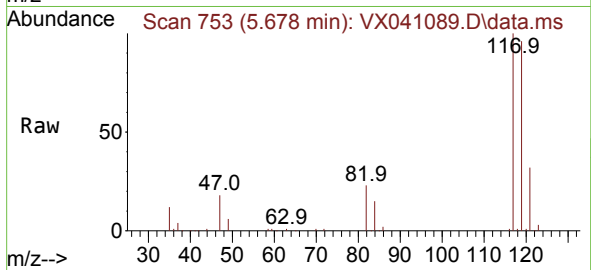




#31  
Carbon tetrachloride  
Concen: 47.399 ug/L  
RT: 5.678 min Scan# 752  
Delta R.T. 0.006 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

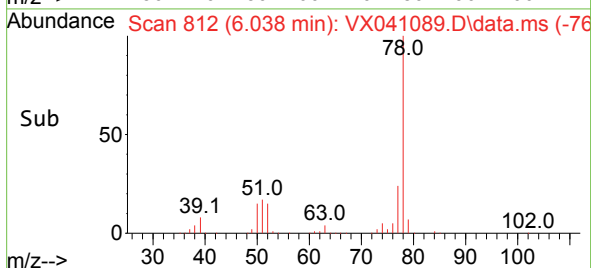
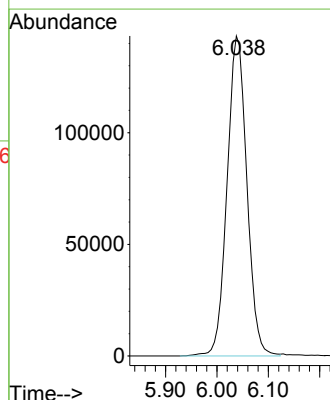
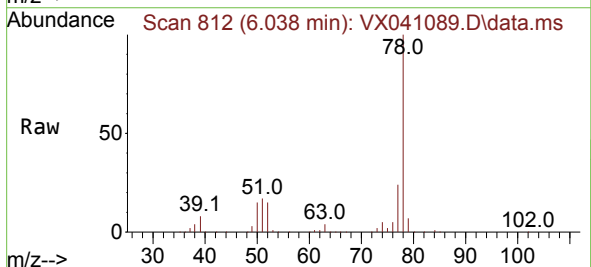
Instrument :  
MSVOA\_X  
ClientSampleId :

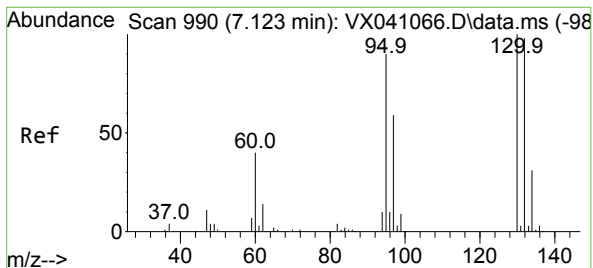
Tgt Ion:117 Resp: 145023  
Ion Ratio Lower Upper  
117 100  
119 95.3 76.8 115.2



#33  
Benzene  
Concen: 49.383 ug/L  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Tgt Ion: 78 Resp: 383868





#34

Trichloroethene

Concen: 46.852 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

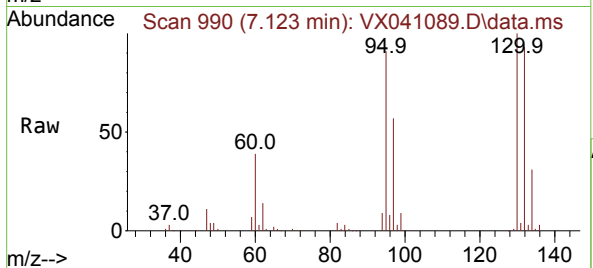
Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 95 Resp: 104474

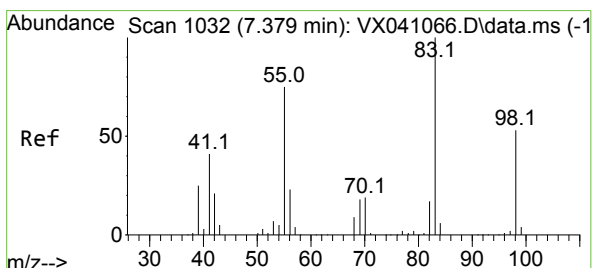
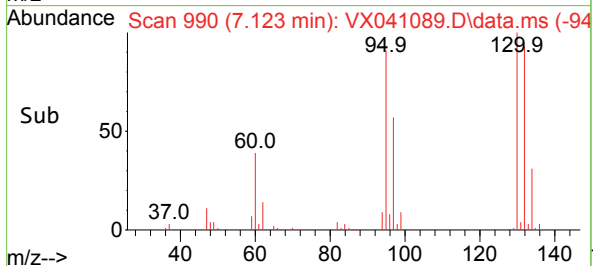
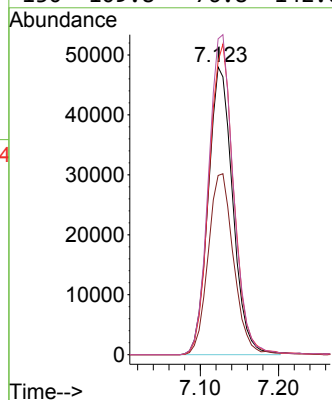
Ion Ratio Lower Upper

95 100

97 62.3 43.2 80.2

132 102.0 74.3 138.1

130 109.8 76.8 142.6



#35

Methylcyclohexane

Concen: 48.804 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

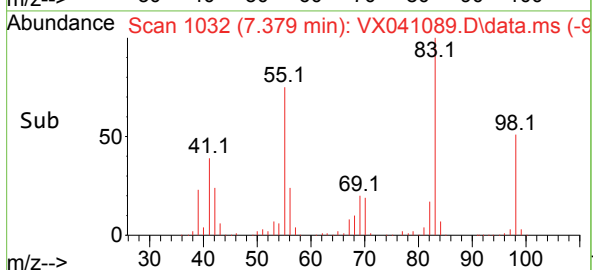
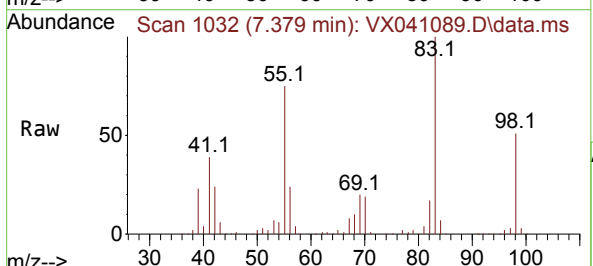
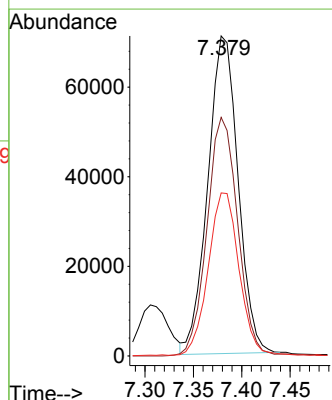
Tgt Ion: 83 Resp: 154339

Ion Ratio Lower Upper

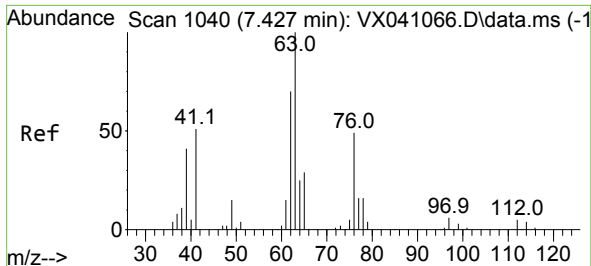
83 100

55 76.0 58.9 88.3

98 52.9 40.9 61.3







#37

1,2-Dichloropropane

Concen: 49.716 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

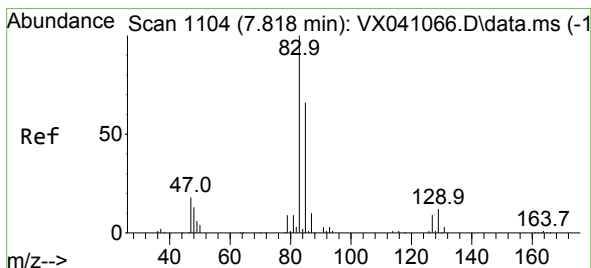
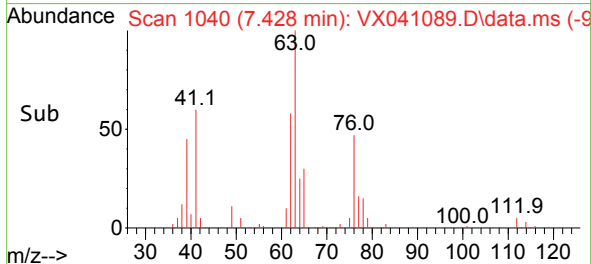
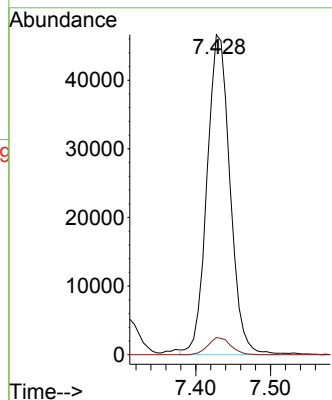
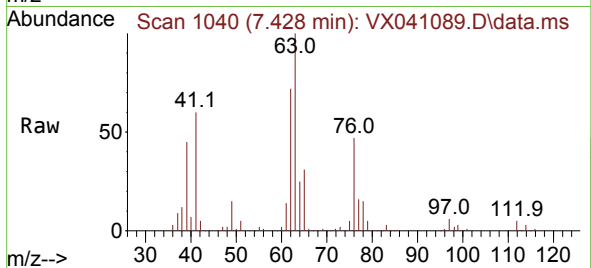
ClientSampleId :

Tgt Ion: 63 Resp: 100032

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 47.463 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

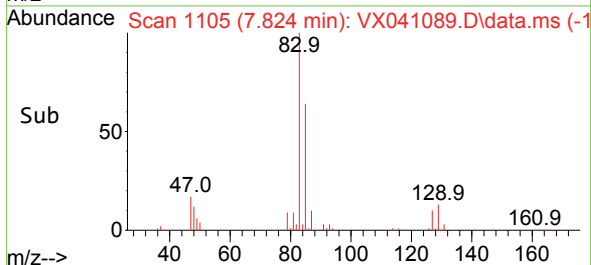
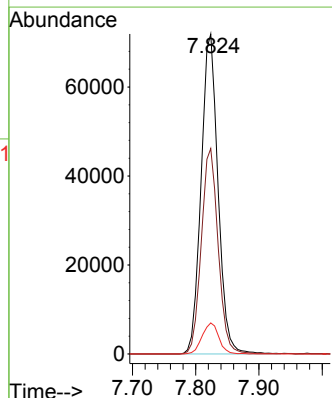
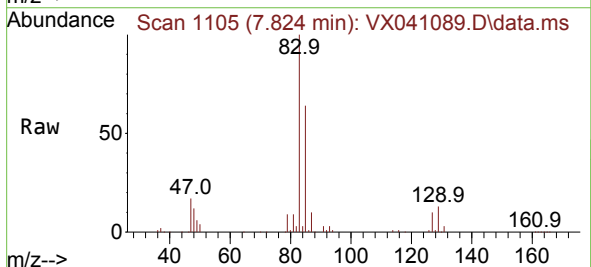
Tgt Ion: 83 Resp: 133878

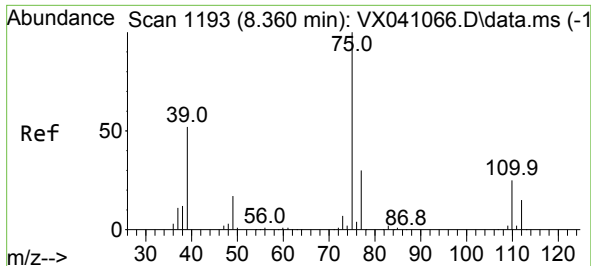
Ion Ratio Lower Upper

83 100

85 64.2 44.3 82.3

127 9.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 46.872 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

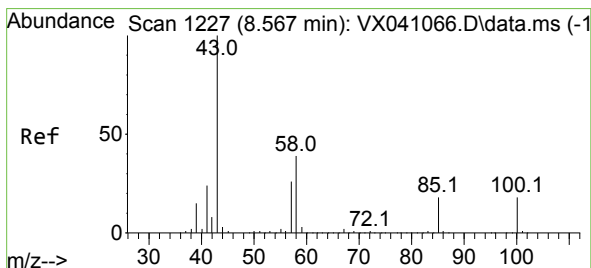
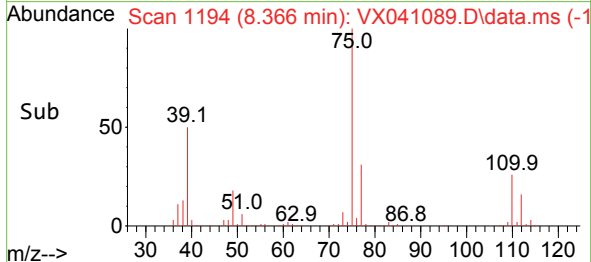
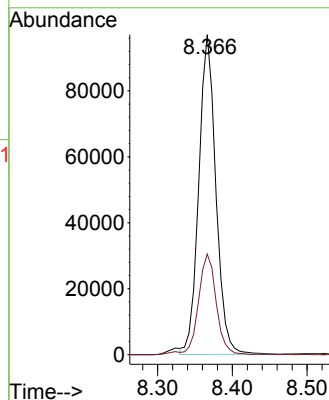
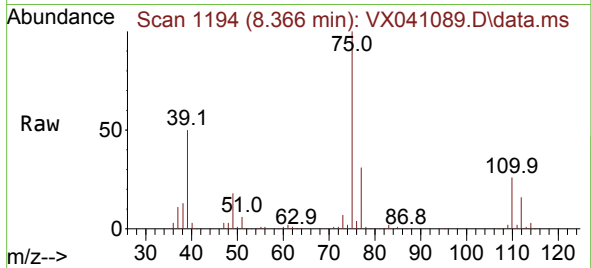
ClientSampleId :

Tgt Ion: 75 Resp: 154083

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 99.722 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

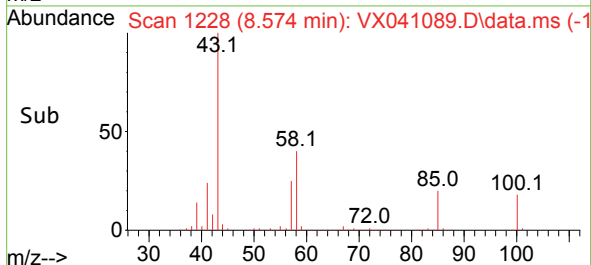
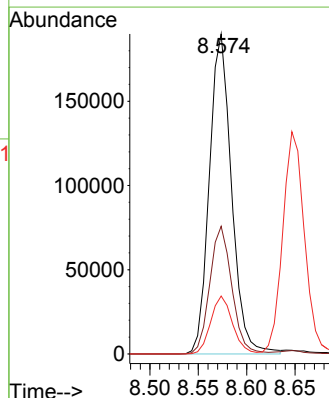
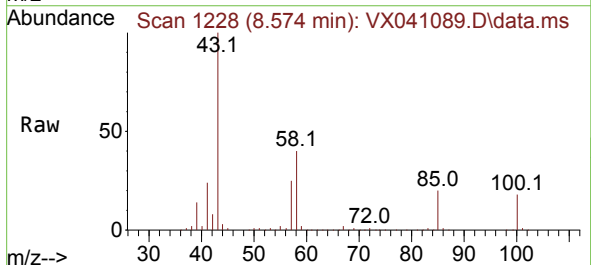
Tgt Ion: 43 Resp: 303871

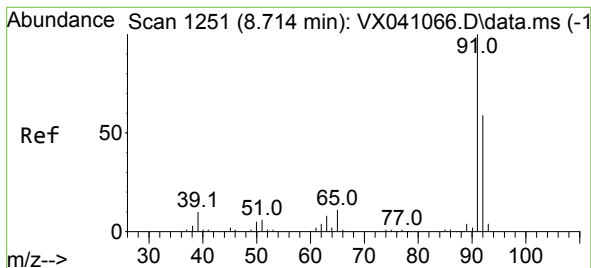
Ion Ratio Lower Upper

43 100

58 39.5 31.1 46.7

100 17.8 14.2 21.2





#42

Toluene

Concen: 49.299 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

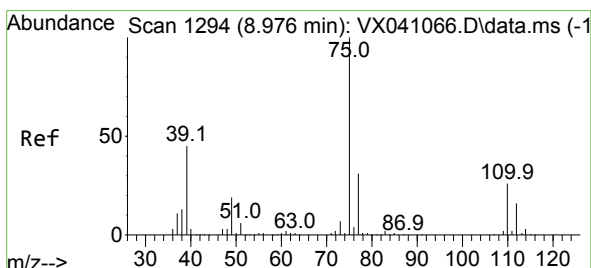
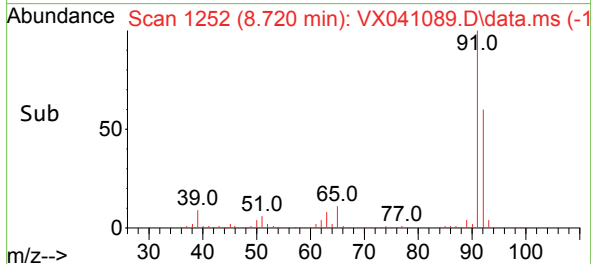
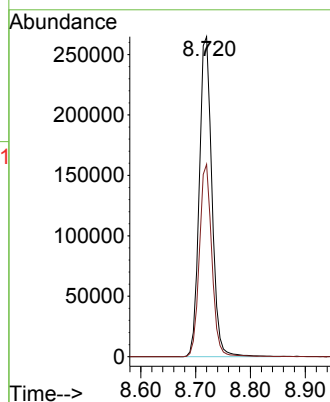
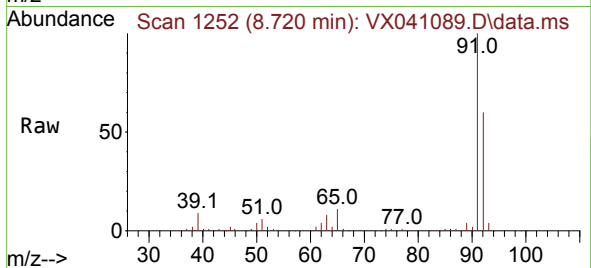
ClientSampleId :

Tgt Ion: 91 Resp: 424388

Ion Ratio Lower Upper

91 100

92 60.1 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 46.391 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041089.D

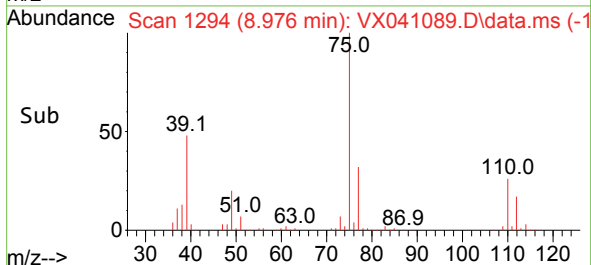
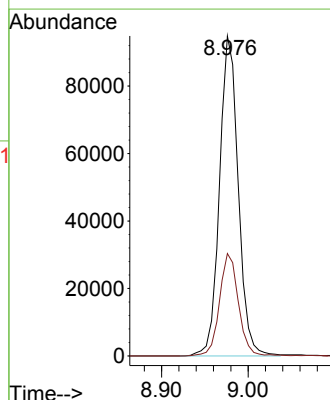
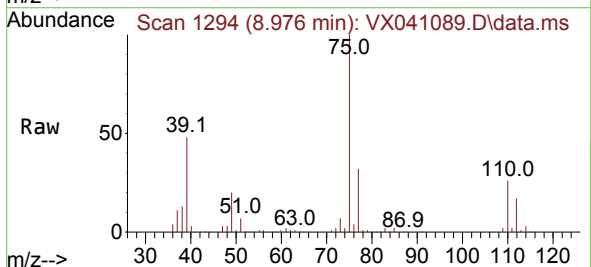
Acq: 15 Apr 2024 19:20

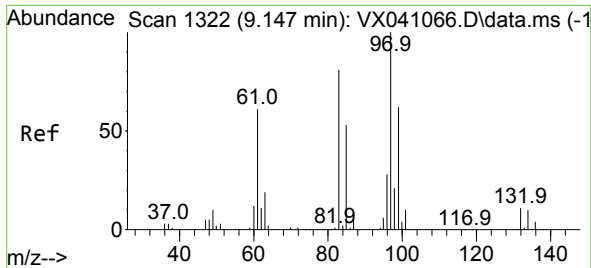
Tgt Ion: 75 Resp: 142519

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2

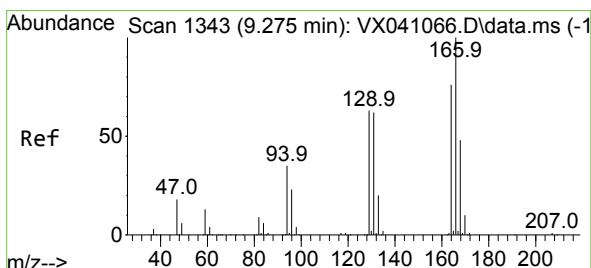
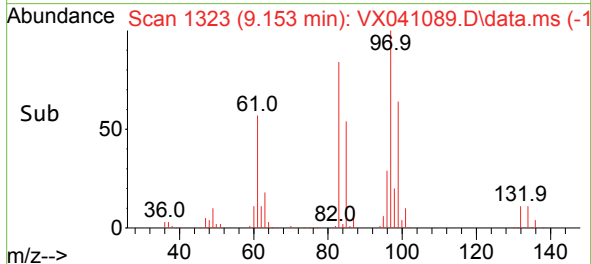
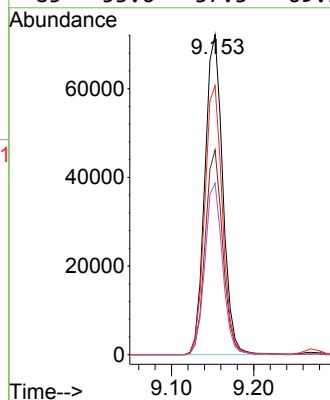
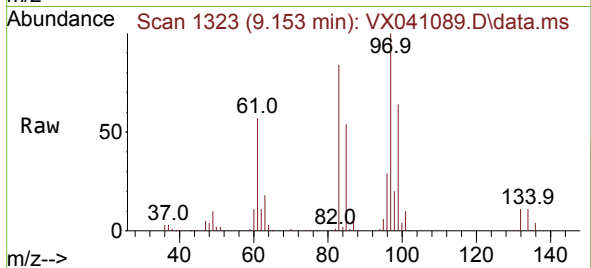




#45  
1,1,2-Trichloroethane  
Concen: 49.918 ug/L  
RT: 9.153 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

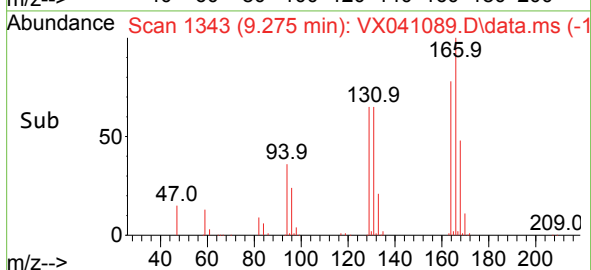
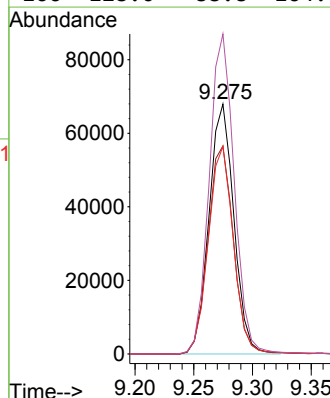
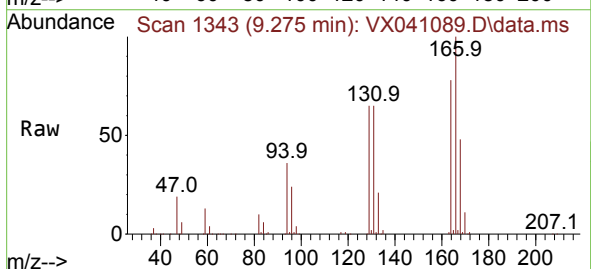
Instrument :  
MSVOA\_X  
ClientSampleId :

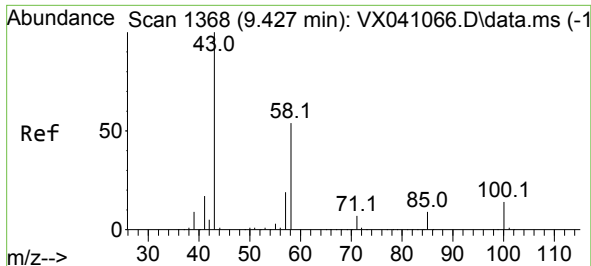
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 109097 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 99 64.0     | 44.1 81.9    |
| 83 84.1     | 57.2 106.2   |
| 85 53.6     | 37.3 69.3    |



#46  
Tetrachloroethene  
Concen: 47.671 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:164 | Resp: | 100117 |
| Ion | Ratio   | Lower | Upper  |
| 164 | 100     |       |        |
| 129 | 83.2    | 58.9  | 109.5  |
| 131 | 83.0    | 56.6  | 105.2  |
| 166 | 128.0   | 88.8  | 164.8  |



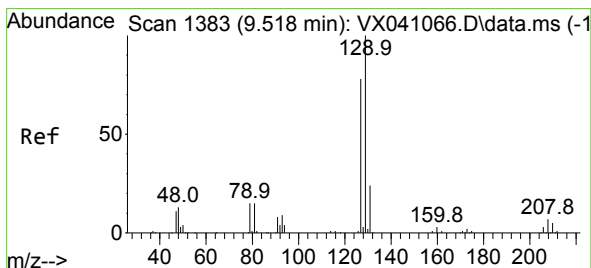
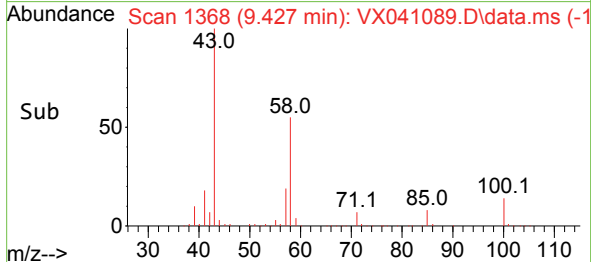
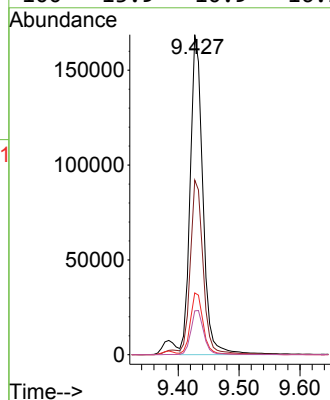
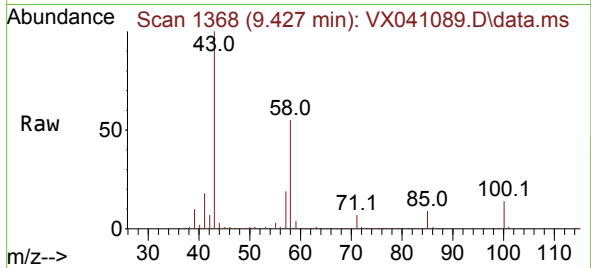


#48  
2-Hexanone  
Concen: 99.564 ug/L  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 243726

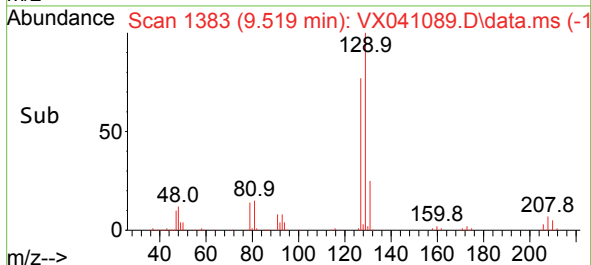
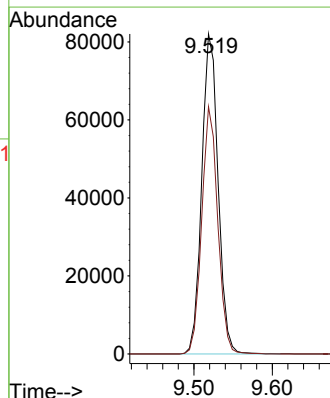
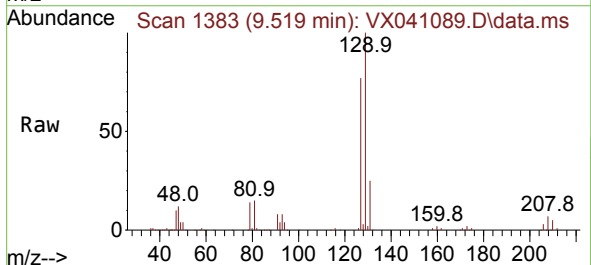
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 54.8  | 43.2  | 64.8  |
| 57  | 19.5  | 15.4  | 23.2  |
| 100 | 13.9  | 10.9  | 16.3  |

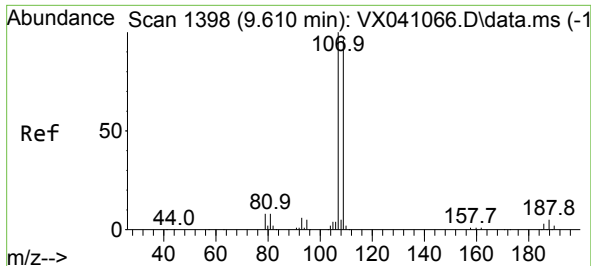


#49  
Dibromochloromethane  
Concen: 48.176 ug/L  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Tgt Ion: 129 Resp: 118751

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 77.3  | 54.0  | 100.2 |

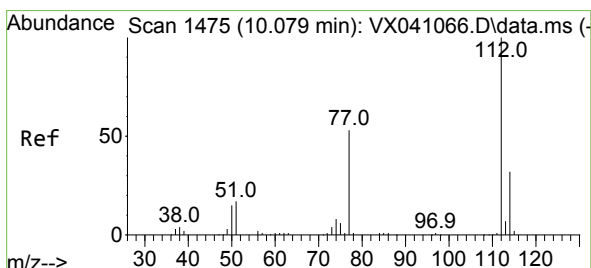
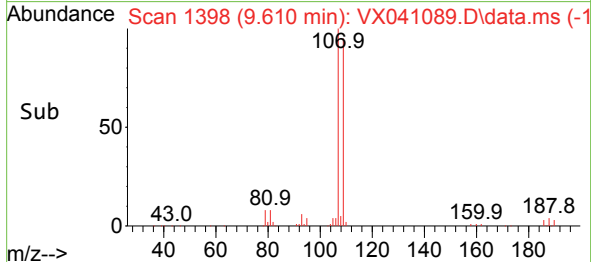
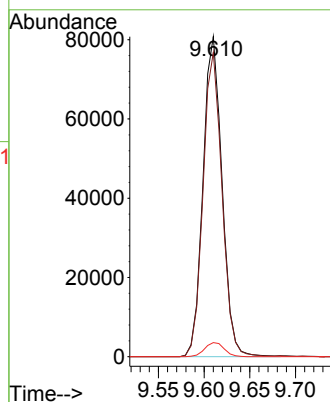
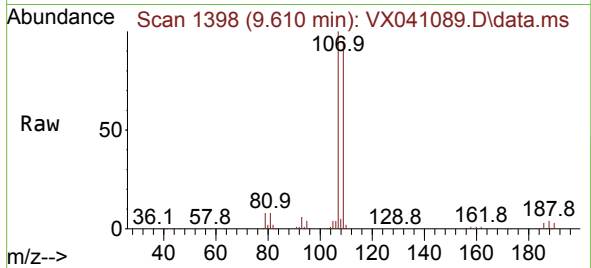




#50  
1,2-Dibromoethane  
Concen: 49.546 ug/L  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

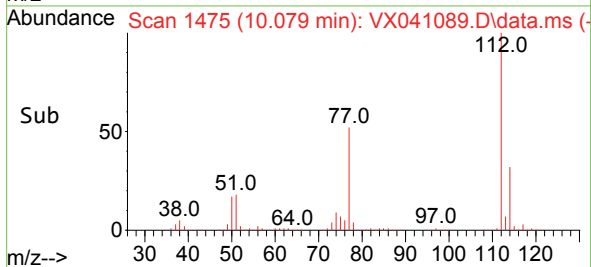
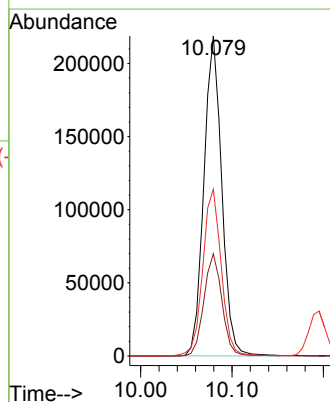
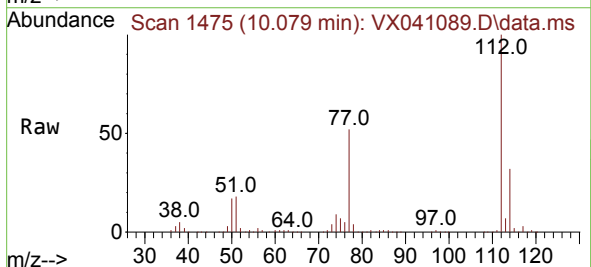
Instrument :  
MSVOA\_X  
ClientSampleId :

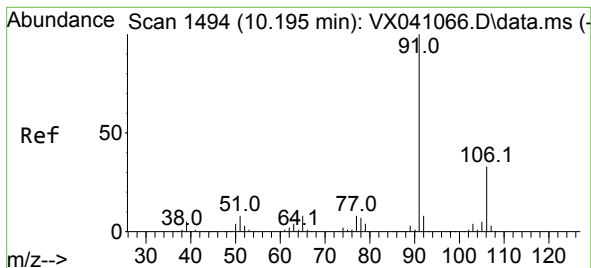
Tgt Ion:107 Resp: 116814  
Ion Ratio Lower Upper  
107 100  
109 95.0 67.7 125.7  
188 4.6 3.8 5.6



#51  
Chlorobenzene  
Concen: 49.135 ug/L  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Tgt Ion:112 Resp: 296423  
Ion Ratio Lower Upper  
112 100  
114 32.0 23.0 42.8  
77 52.1 43.4 65.0

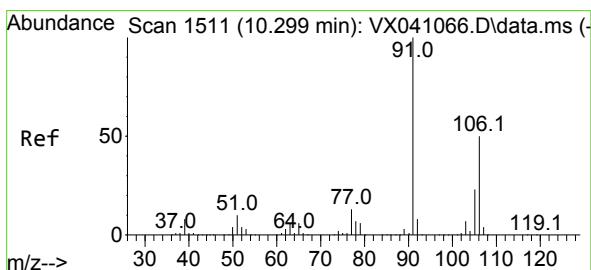
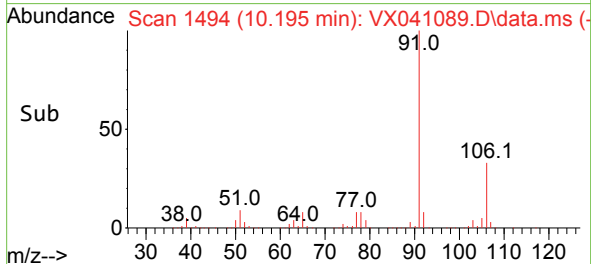
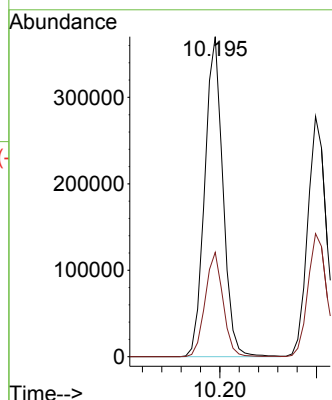
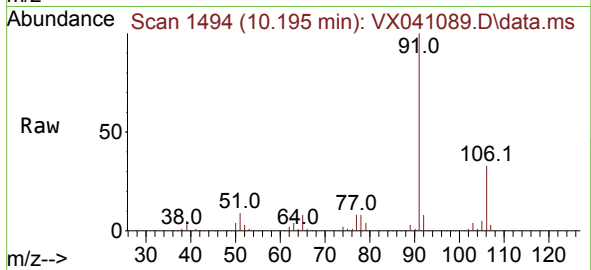




#52  
Ethylbenzene  
Concen: 49.473 ug/L  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

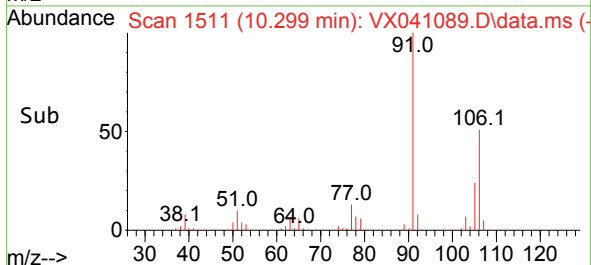
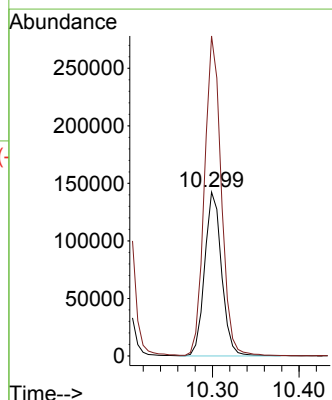
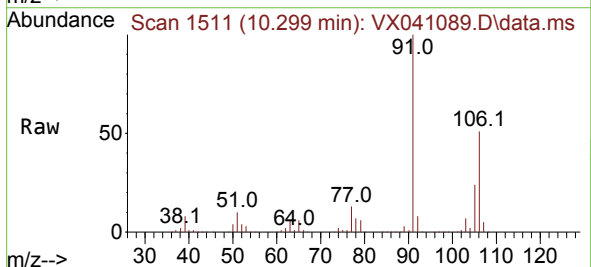
Instrument :  
MSVOA\_X  
ClientSampleId :

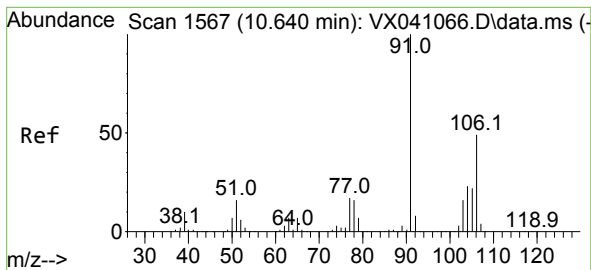
Tgt Ion: 91 Resp: 483214  
Ion Ratio Lower Upper  
91 100  
106 32.6 23.0 42.8



#53  
m,p-Xylene  
Concen: 49.569 ug/L  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

Tgt Ion: 106 Resp: 193044  
Ion Ratio Lower Upper  
106 100  
91 195.3 140.4 260.8





#54

o-Xylene

Concen: 49.951 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

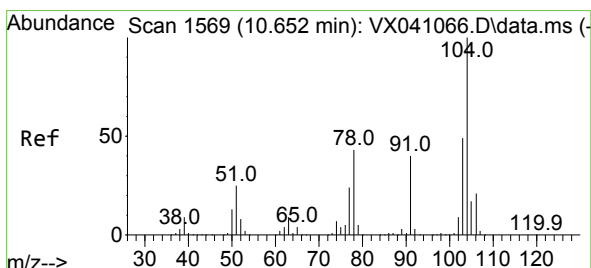
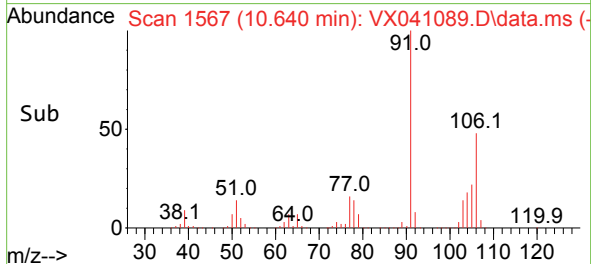
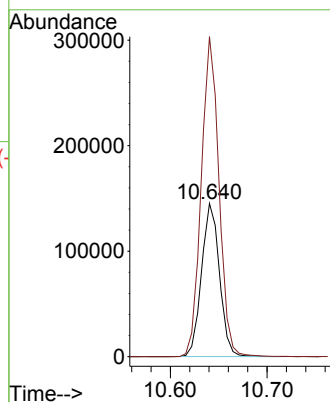
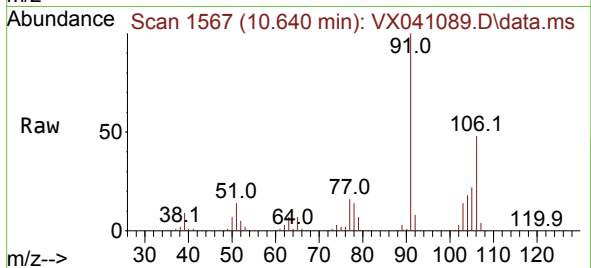
ClientSampleId :

Tgt Ion:106 Resp: 187599

Ion Ratio Lower Upper

106 100

91 208.8 144.0 267.4



#55

Styrene

Concen: 50.512 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041089.D

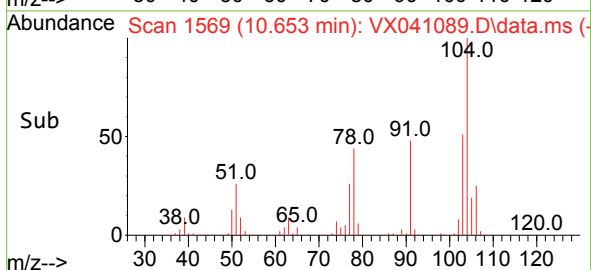
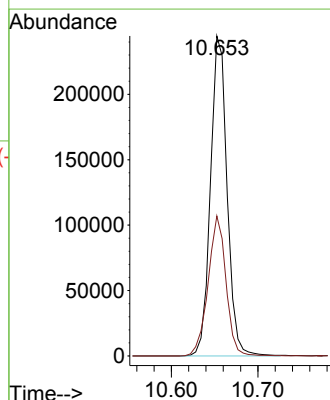
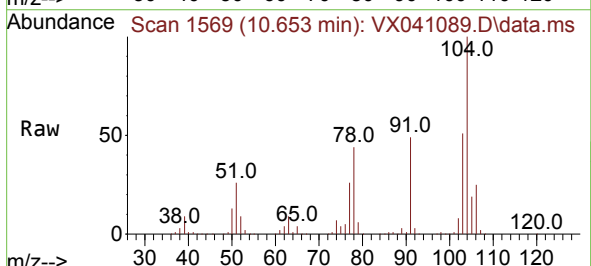
Acq: 15 Apr 2024 19:20

Tgt Ion:104 Resp: 326148

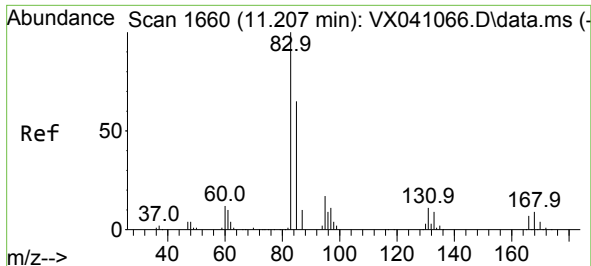
Ion Ratio Lower Upper

104 100

78 43.8 30.7 56.9







#57

1,1,2,2-Tetrachloroethane

Concen: 50.624 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

ClientSampleId :

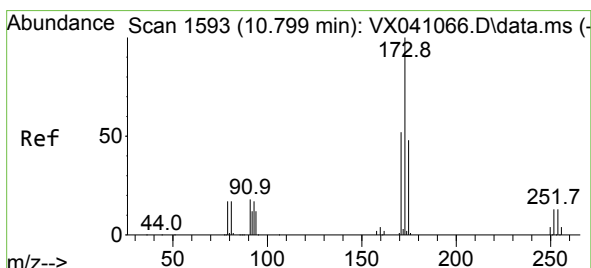
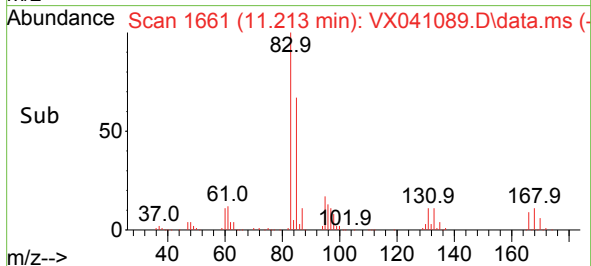
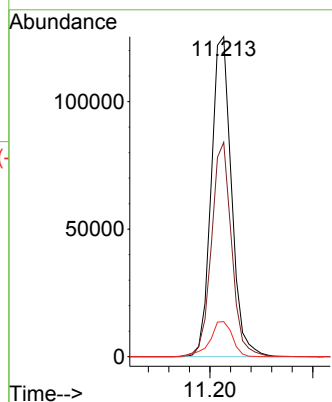
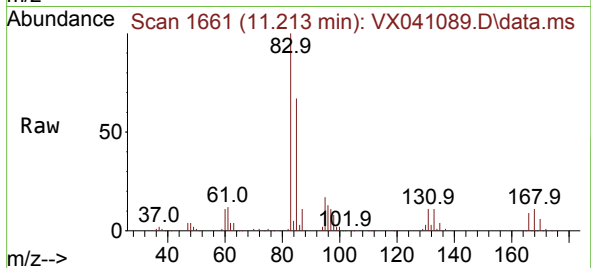
Tgt Ion: 83 Resp: 171416

Ion Ratio Lower Upper

83 100

85 67.0 45.8 85.0

131 11.0 9.4 14.2



#59

Bromoform

Concen: 46.233 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

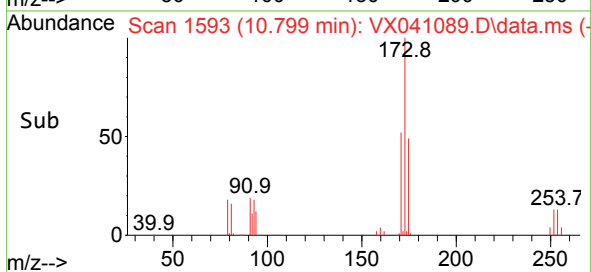
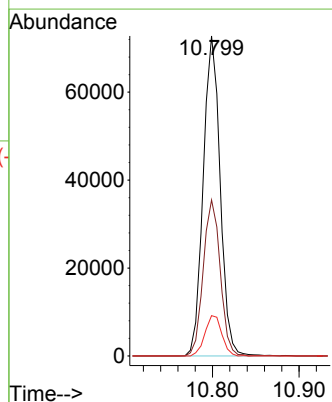
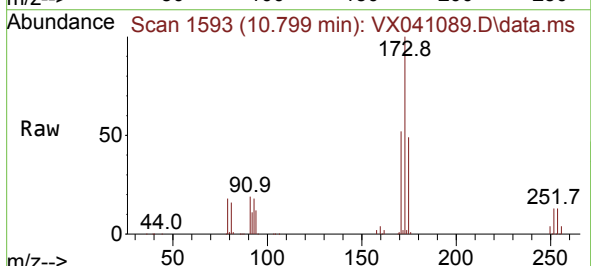
Tgt Ion:173 Resp: 98894

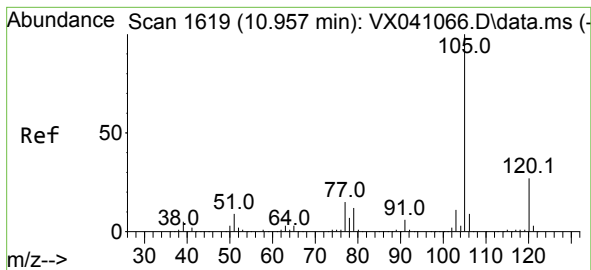
Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.4

254 12.6 10.4 15.6





#60

Isopropylbenzene

Concen: 49.890 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

ClientSampleId :

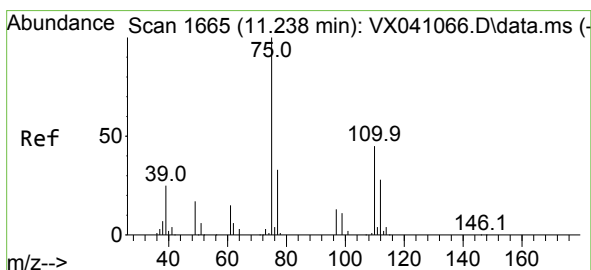
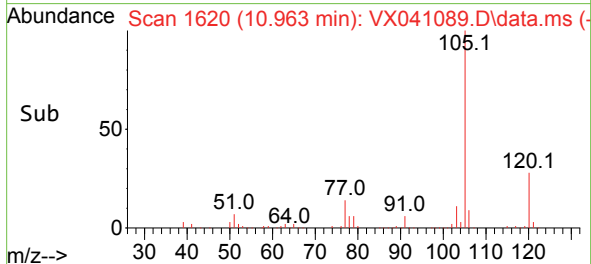
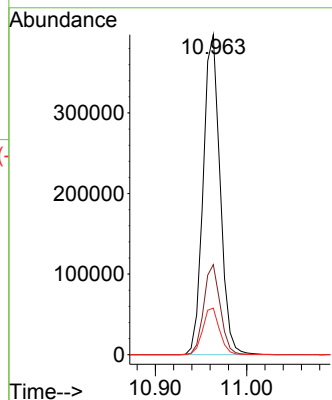
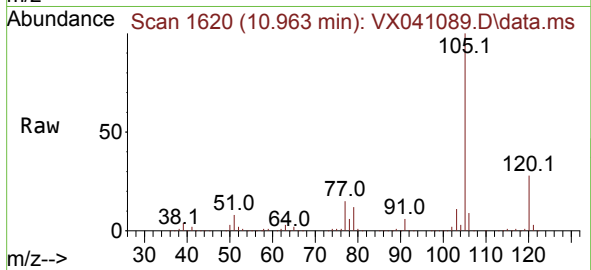
Tgt Ion:105 Resp: 508352

Ion Ratio Lower Upper

105 100

120 27.6 21.9 32.9

77 14.6 11.8 17.8



#61

1,2,3-Trichloropropane

Concen: 50.209 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

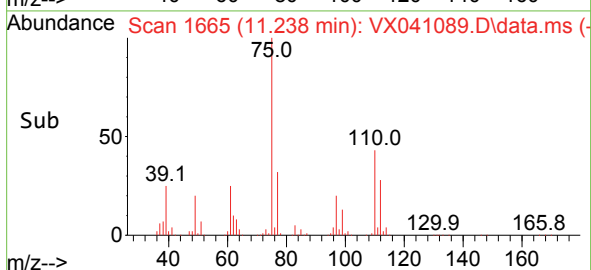
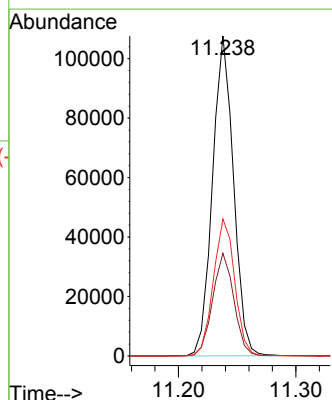
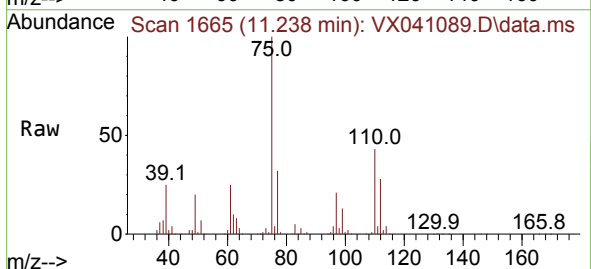
Tgt Ion: 75 Resp: 133626

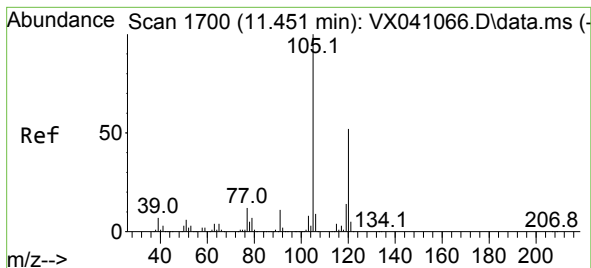
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

110 43.6 35.2 52.8





#62

1,3,5-Trimethylbenzene

Concen: 50.395 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

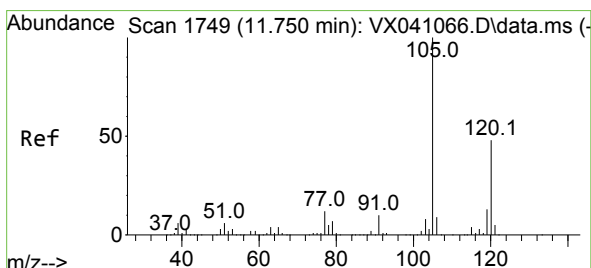
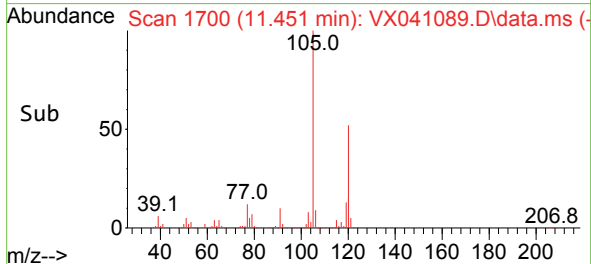
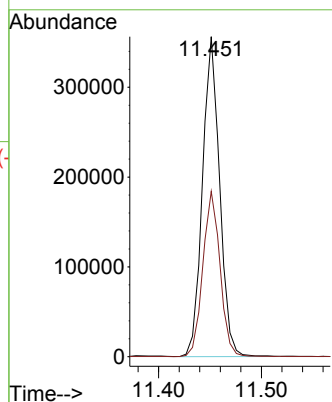
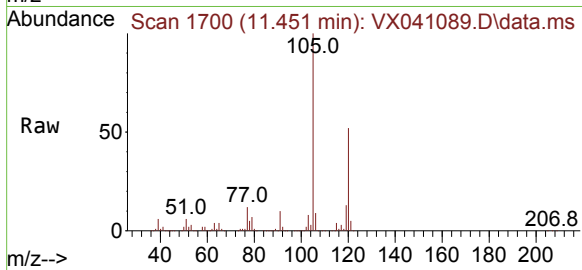
ClientSampleId :

Tgt Ion:105 Resp: 413968

Ion Ratio Lower Upper

105 100

120 51.9 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 50.458 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041089.D

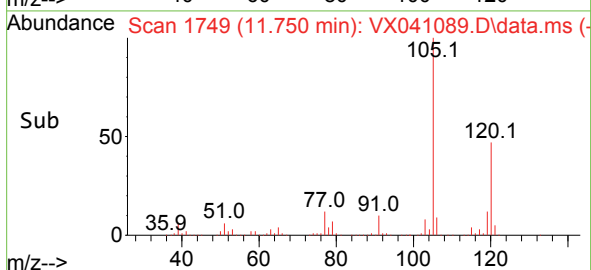
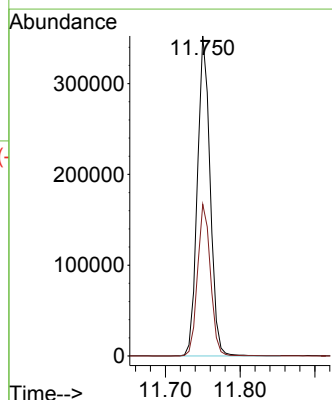
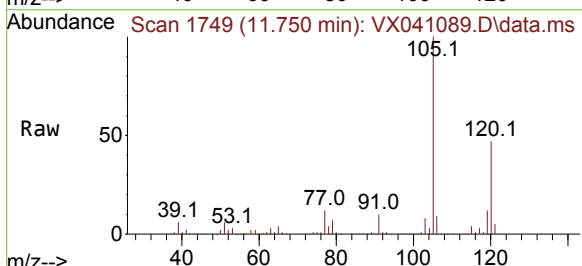
Acq: 15 Apr 2024 19:20

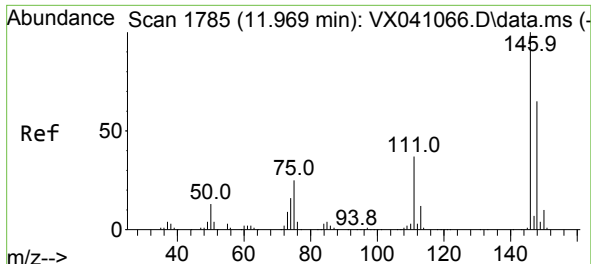
Tgt Ion:105 Resp: 417217

Ion Ratio Lower Upper

105 100

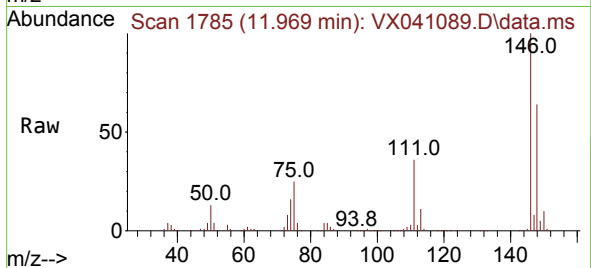
120 47.8 37.8 56.6



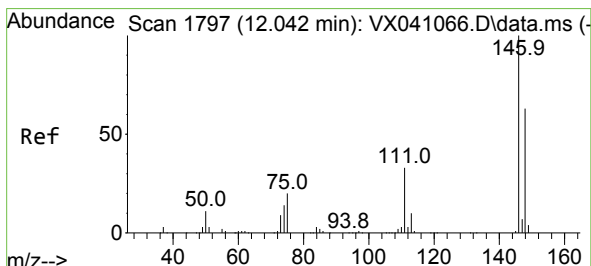
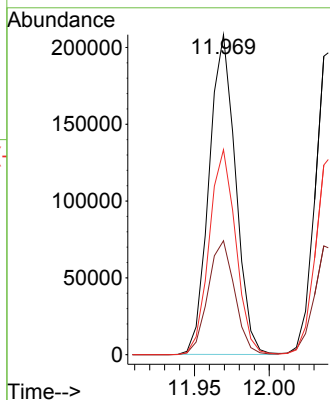
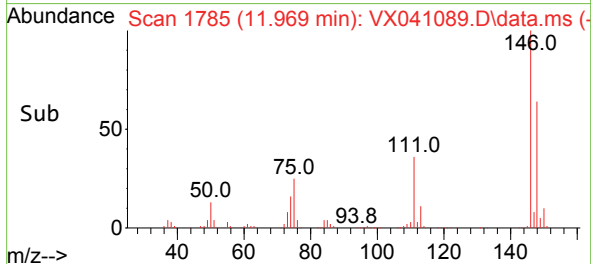


#64  
1,3-Dichlorobenzene  
Concen: 48.052 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20

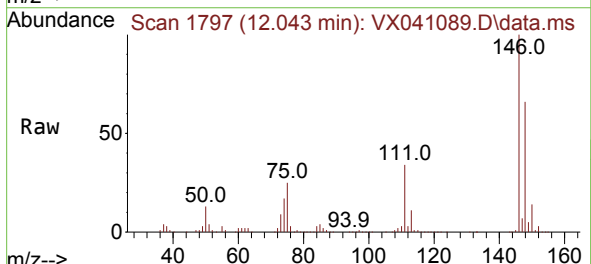
Instrument :  
MSVOA\_X  
ClientSampleId :



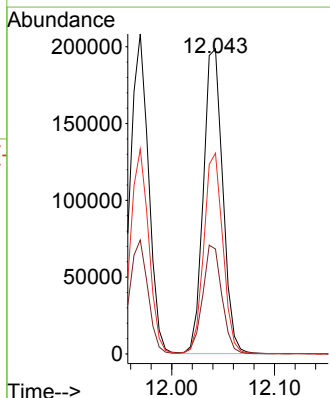
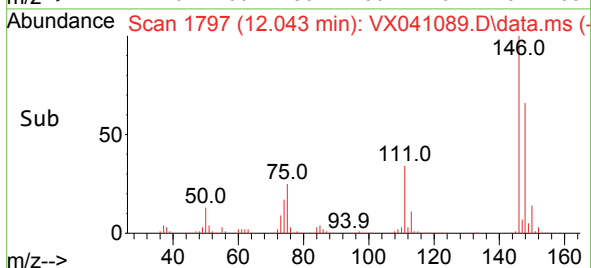
Tgt Ion:146 Resp: 256918  
Ion Ratio Lower Upper  
146 100  
111 35.6 25.3 47.1  
148 64.0 44.7 82.9

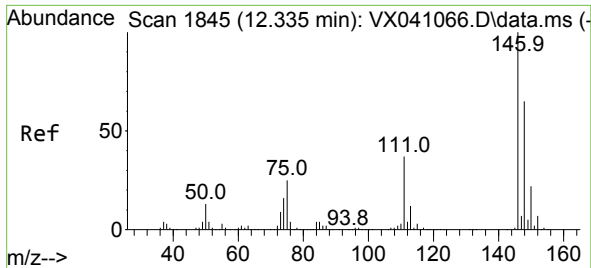


#65  
1,4-Dichlorobenzene  
Concen: 47.423 ug/L  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX041089.D  
Acq: 15 Apr 2024 19:20



Tgt Ion:146 Resp: 260290  
Ion Ratio Lower Upper  
146 100  
111 34.4 23.4 43.6  
148 65.8 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 49.451 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

ClientSampleId :

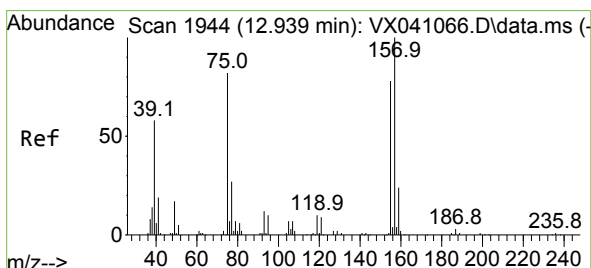
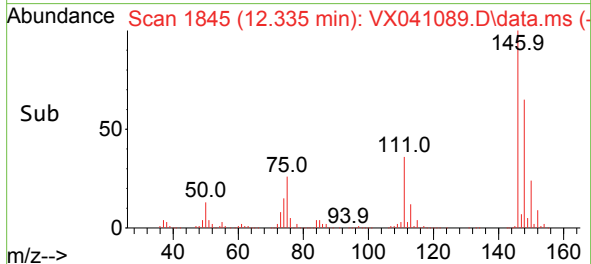
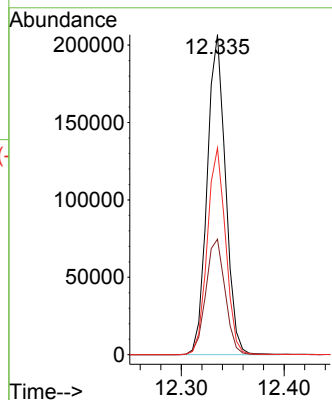
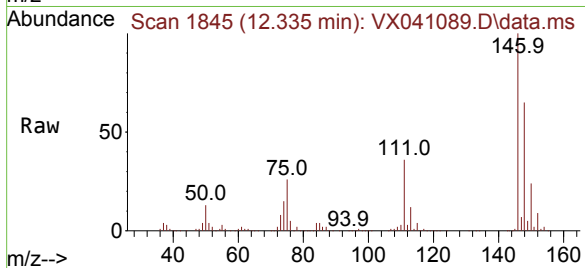
Tgt Ion:146 Resp: 256482

Ion Ratio Lower Upper

146 100

111 36.1 31.8 47.8

148 64.6 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 46.671 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

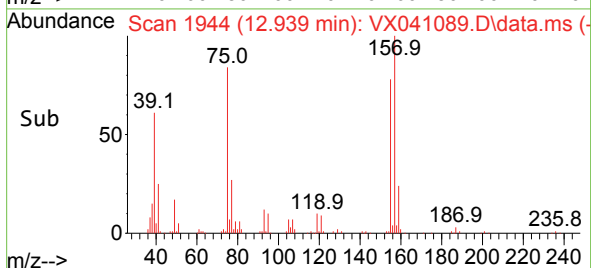
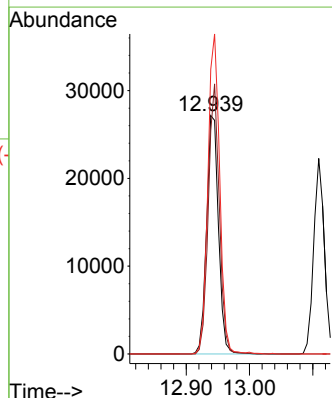
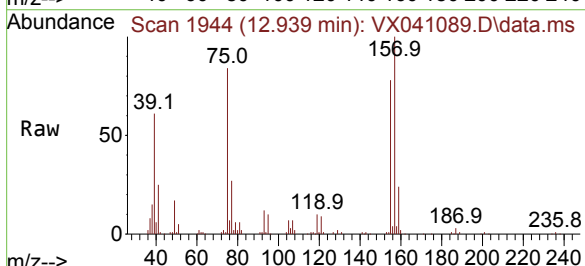
Tgt Ion: 75 Resp: 35522

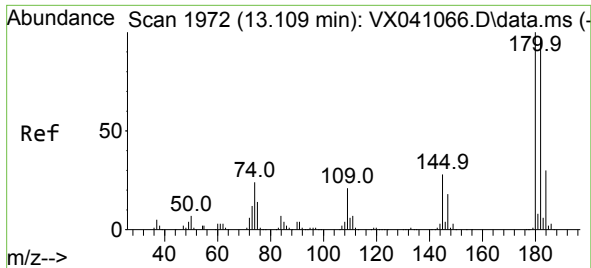
Ion Ratio Lower Upper

75 100

155 93.6 75.6 113.4

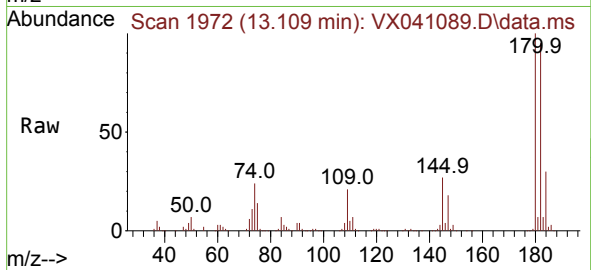
157 119.4 99.1 148.7



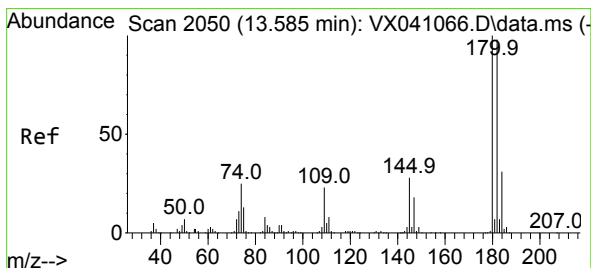
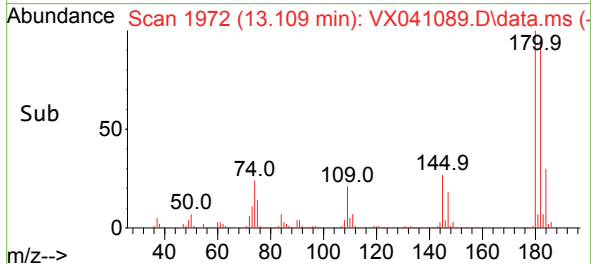
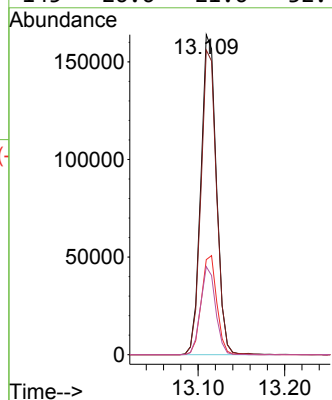


#69  
 1,3,5-Trichlorobenzene  
 Concen: 49.853 ug/L  
 RT: 13.109 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX041089.D  
 Acq: 15 Apr 2024 19:20

Instrument :  
 MSVOA\_X  
 ClientSampleId :

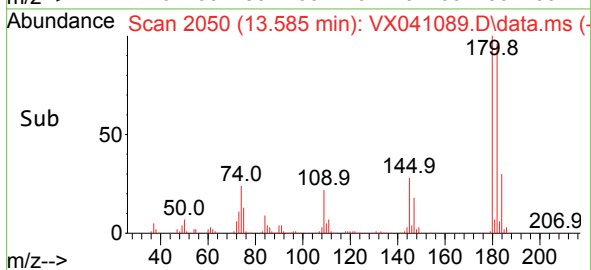
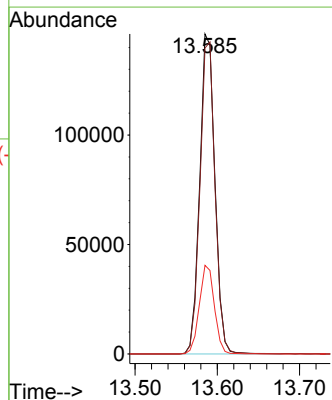
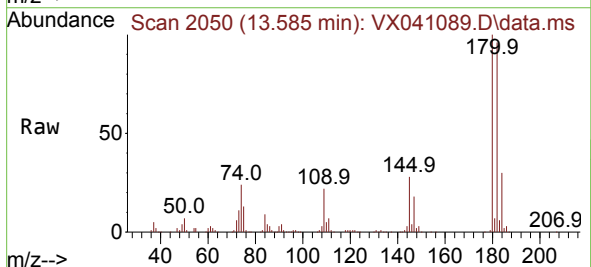


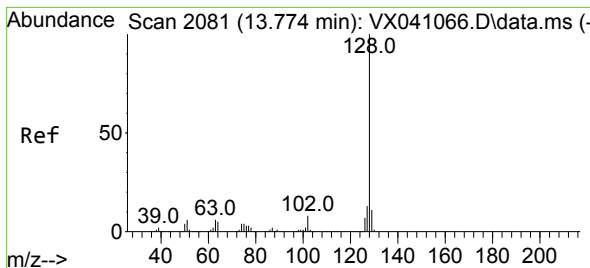
Tgt Ion:180 Resp: 204128  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 75.8 113.6  
 184 30.8 24.4 36.6  
 145 26.6 21.6 32.4



#70  
 1,2,4-trichlorobenzene  
 Concen: 48.356 ug/L  
 RT: 13.585 min Scan# 2050  
 Delta R.T. 0.000 min  
 Lab File: VX041089.D  
 Acq: 15 Apr 2024 19:20

Tgt Ion:180 Resp: 187632  
 Ion Ratio Lower Upper  
 180 100  
 182 96.9 76.8 115.2  
 145 27.4 22.3 33.5





#71

Naphthalene

Concen: 51.116 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Instrument :

MSVOA\_X

ClientSampleId :

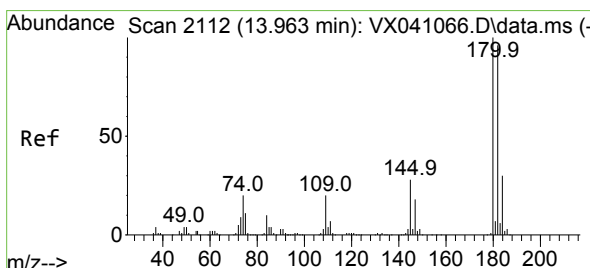
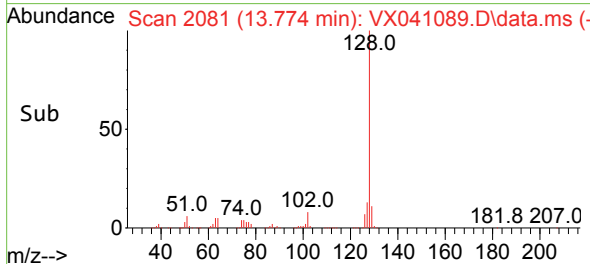
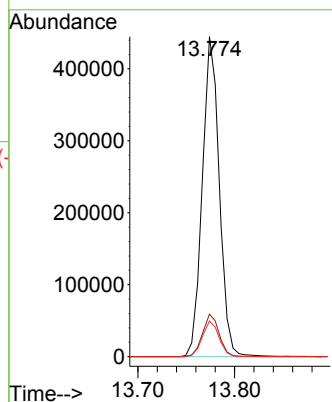
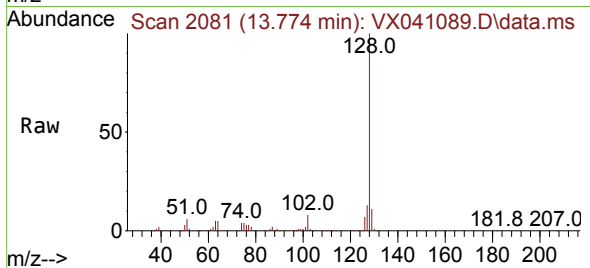
Tgt Ion:128 Resp: 543527

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.468 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041089.D

Acq: 15 Apr 2024 19:20

Tgt Ion:180 Resp: 192057

Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.6

145 28.9 23.4 35.2

