

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062524\  
 Data File : VX042042.D  
 Acq On : 25 Jun 2024 19:05  
 Operator : JC/MD  
 Sample : P3069-04 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A1285

Quant Time: Jun 26 05:44:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 138679     | 50.000    | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 210923     | 50.000    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 211862     | 50.000    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 107083     | 50.000    | ug/l  | 0.00     |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 68876      | 43.071    | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 86.140%   |       |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 67182      | 44.890    | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 89.780%   |       |          |
| 50) Toluene-d8                | 8.647          | 98   | 249242     | 47.405    | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 94.820%   |       |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 94459      | 48.738    | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 97.480%   |       |          |
| Target Compounds              |                |      |            |           |       |          |
|                               |                |      |            |           |       | Qvalue   |
| 3) Chloromethane              | 1.295          | 50   | 282        | 0.213     | ug/l  | # 43     |
| 5) Bromomethane               | 1.599          | 94   | 443        | 0.675     | ug/l  | # 58     |
| 6) Chloroethane               | 1.660          | 64   | 263        | Below Cal |       | # 76     |
| 9) 1,1,2-Trichlorotrifluo...  | 2.313          | 101  | 247        | 0.206     | ug/l  | # 61     |
| 10) Methyl Iodide             | 2.441          | 142  | 372        | 0.250     | ug/l  | # 60     |
| 11) Tert butyl alcohol        | 2.947          | 59   | 4908       | 16.172    | ug/l  | # 78     |
| 12) 1,1-Dichloroethene        | 2.313          | 96   | 303        | 0.253     | ug/l  | # 44     |
| 13) Acrolein                  | 2.233          | 56   | 264        | 0.776     | ug/l  | 99       |
| 15) Acrylonitrile             | 3.099          | 53   | 463        | 0.584     | ug/l  | 92       |
| 16) Acetone                   | 2.386          | 43   | 1366       | 1.945     | ug/l  | 98       |
| 17) Carbon Disulfide          | 2.502          | 76   | 1647       | 0.675     | ug/l  | # 75     |
| 18) Methyl Acetate            | 2.709          | 43   | 548        | 0.286     | ug/l  | # 53     |
| 20) Methylene Chloride        | 2.788          | 84   | 1138       | 0.740     | ug/l  | # 75     |
| 21) trans-1,2-Dichloroethene  | 3.093          | 96   | 431        | 0.355     | ug/l  | # 76     |
| 25) 2-Butanone                | 4.617          | 43   | 229        | 0.210     | ug/l  | # 51     |
| 36) 1,1-Dichloropropene       | 5.696          | 75   | 523        | 0.329     | ug/l  | # 71     |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 11492      | 6.545     | ug/l  | # 15     |
| 44) Trichloroethene           | 7.141          | 130  | 505        | 0.351     | ug/l  | 51       |
| 51) 4-Methyl-2-Pentanone      | 8.592          | 43   | 510        | 0.233     | ug/l  | # 70     |
| 52) Toluene                   | 8.732          | 92   | 785        | 0.230     | ug/l  | 87       |
| 53) t-1,3-Dichloropropene     | 8.994          | 75   | 243        | 1.023     | ug/l  | # 43     |
| 59) 2-Hexanone                | 9.458          | 43   | 400        | 0.239     | ug/l  | 65       |
| 64) Tetrachloroethene         | 9.269          | 164  | 435        | 0.282     | ug/l  | # 73     |
| 67) Ethyl Benzene             | 10.195         | 91   | 1803       | 0.261     | ug/l  | # 88     |
| 68) m/p-Xylenes               | 10.305         | 106  | 1380       | 0.495     | ug/l  | 91       |
| 70) Styrene                   | 10.665         | 104  | 1029       | 0.222     | ug/l  | # 79     |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 43009      | 22.124    | ug/l  | # 39     |
| 77) Bromobenzene              | 11.201         | 156  | 454        | 0.234     | ug/l  | 82       |
| 78) n-propylbenzene           | 11.305         | 91   | 1596       | 0.226     | ug/l  | 97       |
| 79) 2-Chlorotoluene           | 11.366         | 91   | 1194       | 0.262     | ug/l  | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.457         | 105  | 1149       | 0.212     | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 43009      | 62.830    | ug/l  | # 5      |
| 82) 4-Chlorotoluene           | 11.470         | 91   | 1465       | 0.291     | ug/l  | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.756         | 105  | 1339       | 0.246     | ug/l  | 88       |
| 86) p-Isopropyltoluene        | 12.012         | 119  | 1246       | 0.212     | ug/l  | # 67     |
| 87) 1,3-Dichlorobenzene       | 11.976         | 146  | 1100       | 0.323     | ug/l  | 95       |

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Sample : P3069-04 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

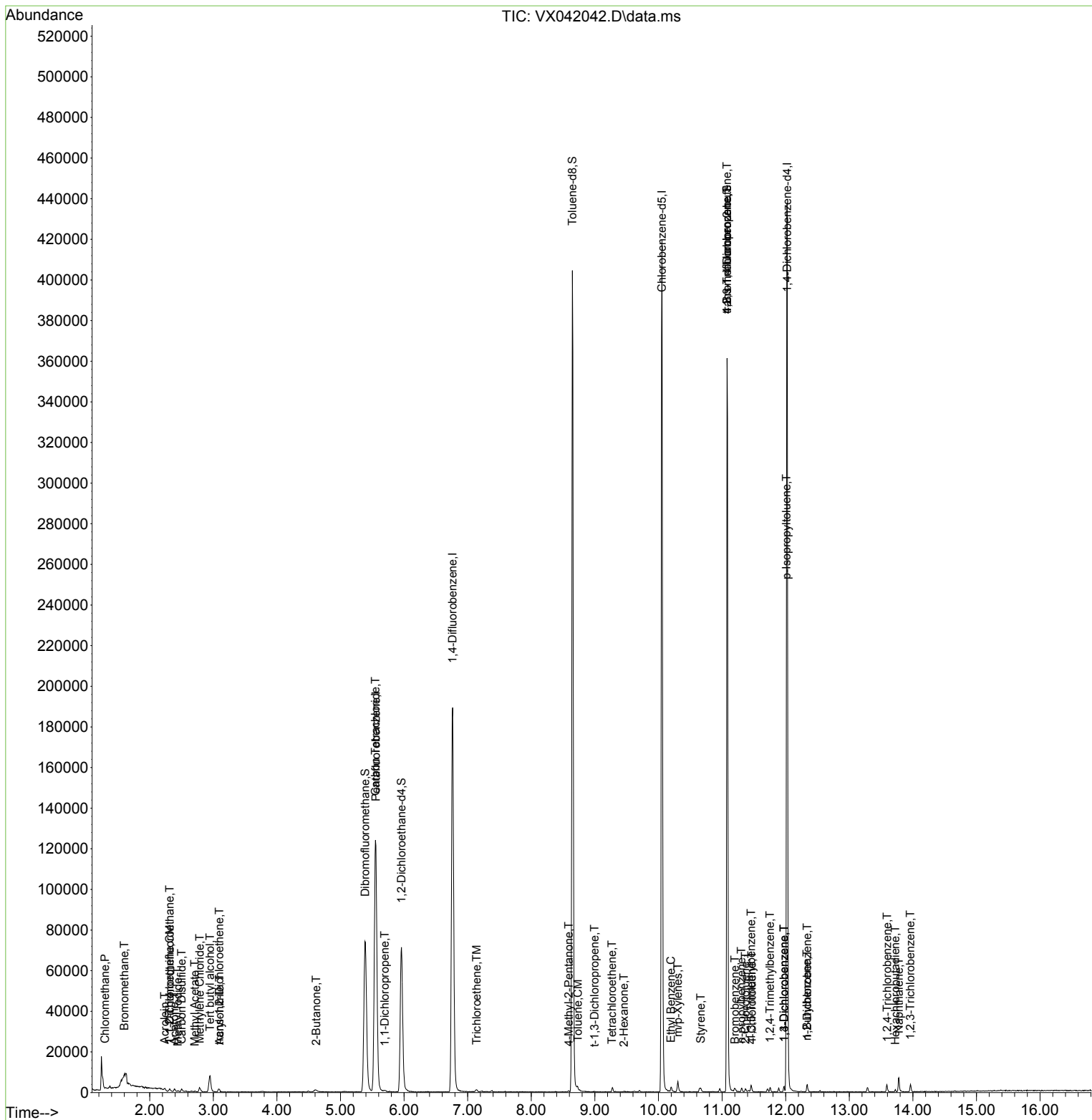
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

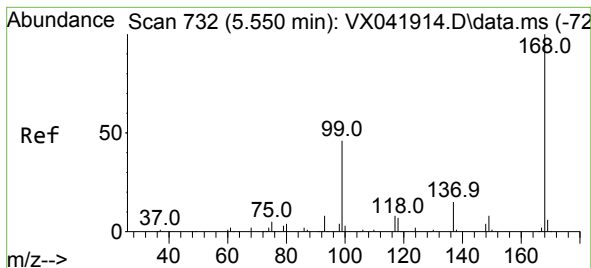
Quant Time: Jun 26 05:44:37 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 21 23:51:58 2024  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 88) 1,4-Dichlorobenzene    | 11.976 | 146  | 1100     | 0.315 | ug/l  | 96       |
| 89) n-Butylbenzene         | 12.335 | 91   | 1234     | 0.273 | ug/l  | 92       |
| 91) 1,2-Dichlorobenzene    | 12.341 | 146  | 894      | 0.256 | ug/l  | 86       |
| 93) 1,2,4-Trichlorobenzene | 13.597 | 180  | 1340     | 0.586 | ug/l  | 91       |
| 94) Hexachlorobutadiene    | 13.725 | 225  | 315      | 0.273 | ug/l  | 88       |
| 95) Naphthalene            | 13.780 | 128  | 5810     | 1.493 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 13.963 | 180  | 1410     | 0.585 | ug/l  | 93       |

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA\_X

ClientSampleId :

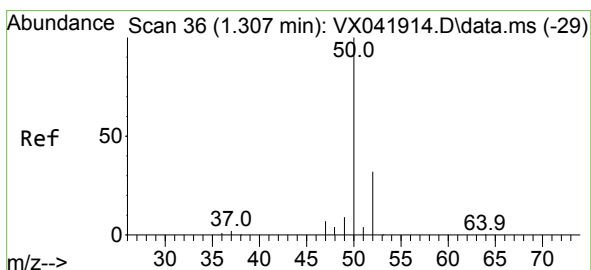
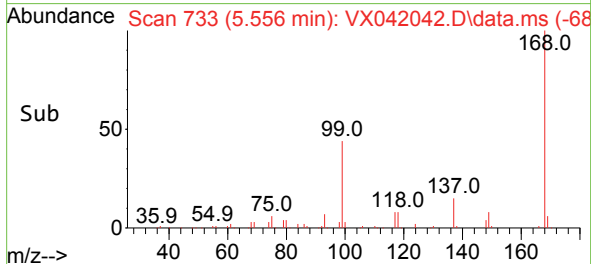
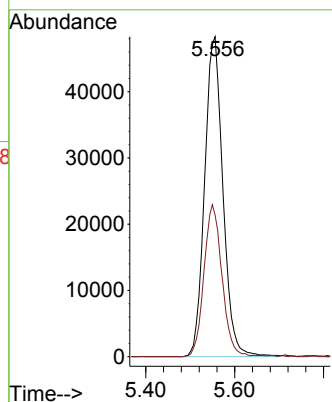
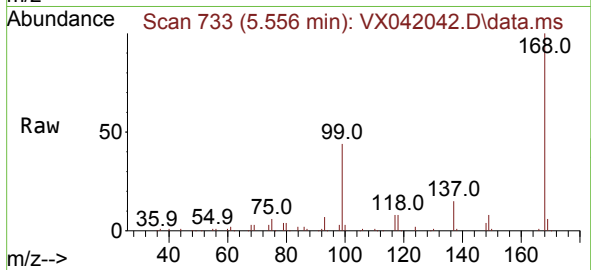
A1285

Tgt Ion:168 Resp: 138679

Ion Ratio Lower Upper

168 100

99 44.3 56.6 85.0#



#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.012 min

Lab File: VX042042.D

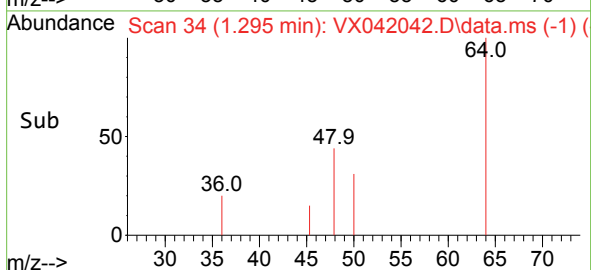
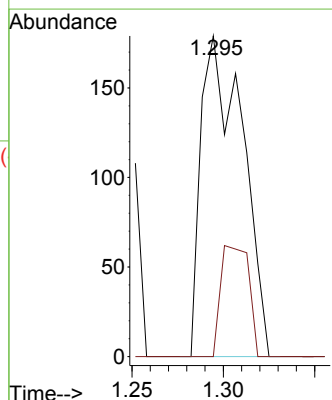
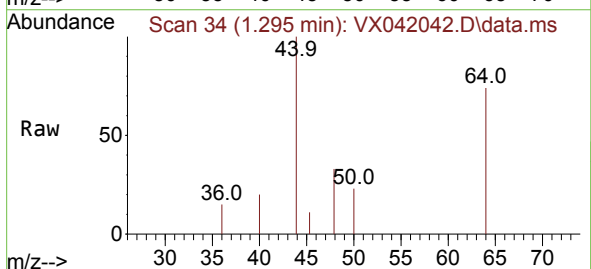
Acq: 25 Jun 2024 19:05

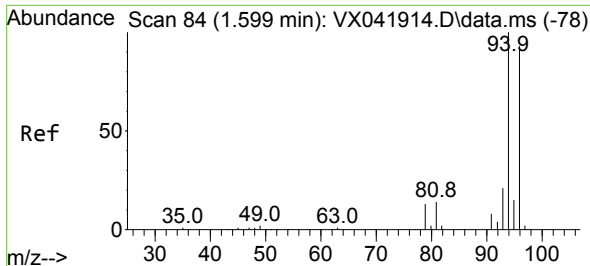
Tgt Ion: 50 Resp: 282

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

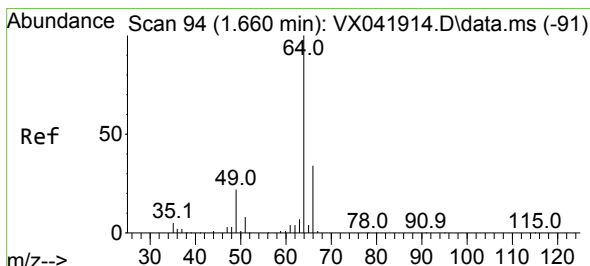
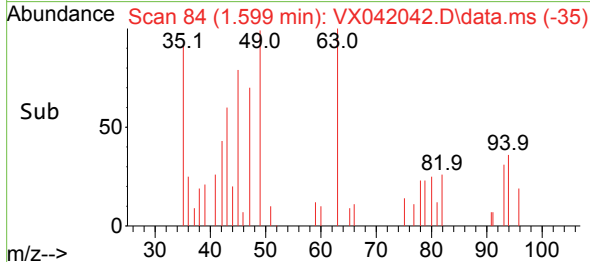
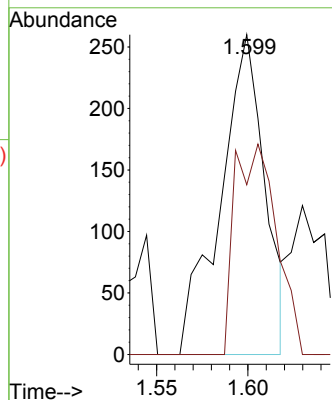
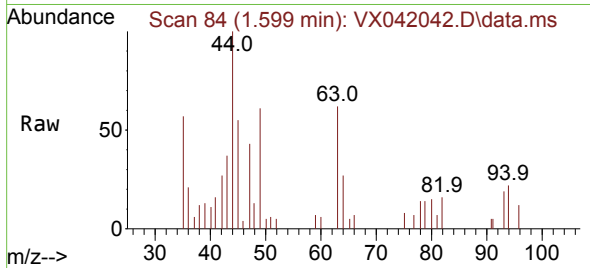




#5  
Bromomethane  
Concen: 0.675 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

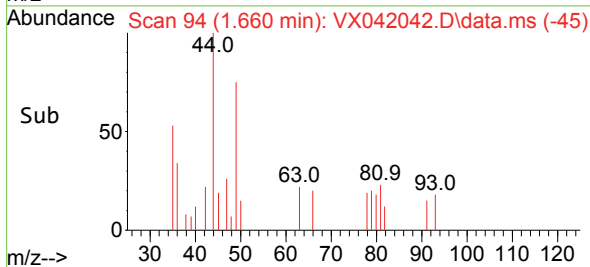
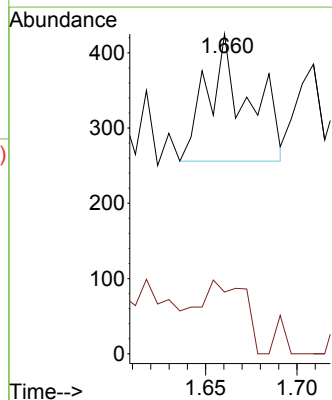
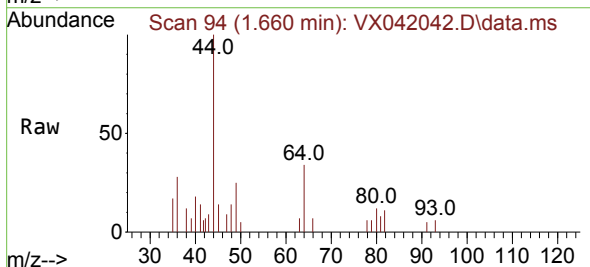
Instrument :  
MSVOA\_X  
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A1285

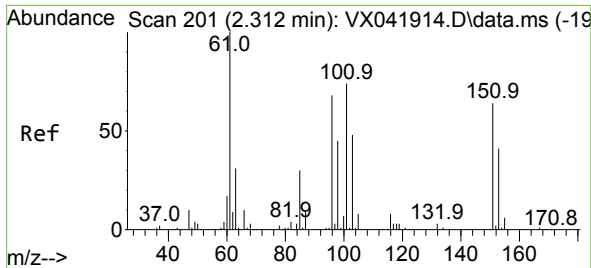
Tgt Ion: 94 Resp: 443  
Ion Ratio Lower Upper  
94 100  
96 53.1 74.6 111.8#



#6  
Chloroethane  
Concen: Below Cal  
RT: 1.660 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 64 Resp: 263  
Ion Ratio Lower Upper  
64 100  
66 18.3 25.1 37.7#

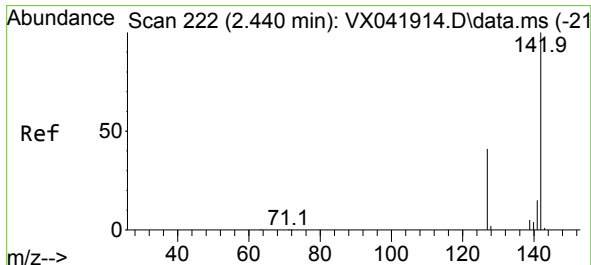
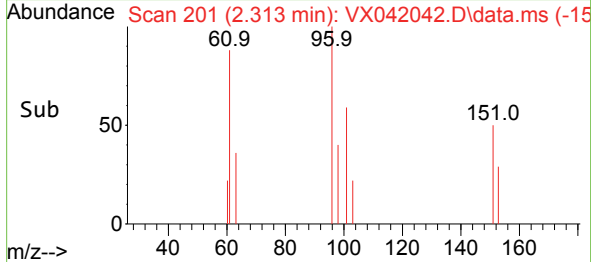
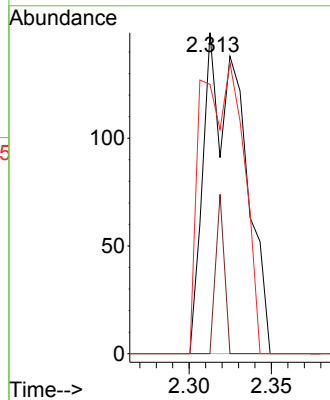
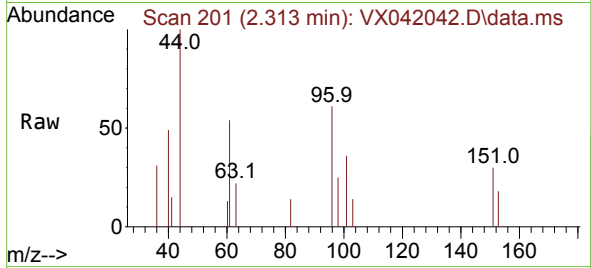




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.206 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

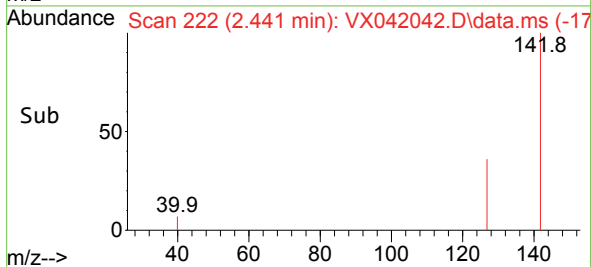
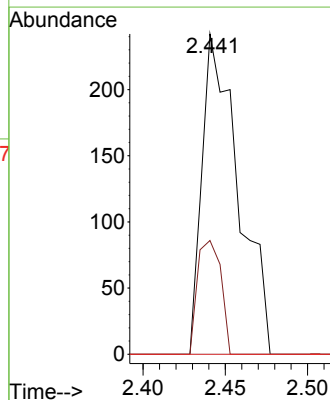
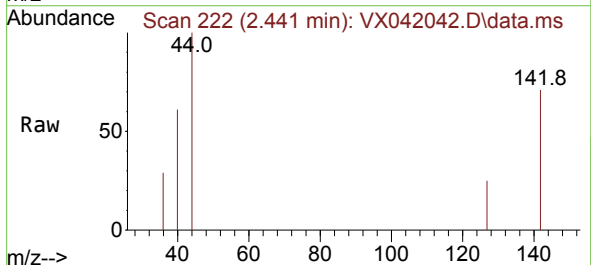
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

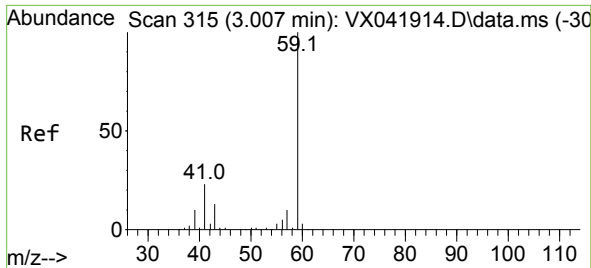
Tgt Ion:101 Resp: 247  
Ion Ratio Lower Upper  
101 100  
85 10.9 37.0 55.6#  
151 98.4 58.6 87.8#



#10  
Methyl Iodide  
Concen: 0.250 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion:142 Resp: 372  
Ion Ratio Lower Upper  
142 100  
127 22.8 41.6 62.4#  
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 16.172 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA\_X

ClientSampleId :

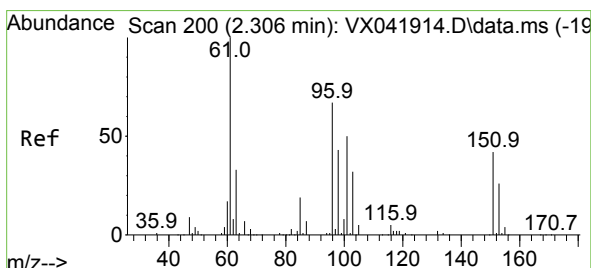
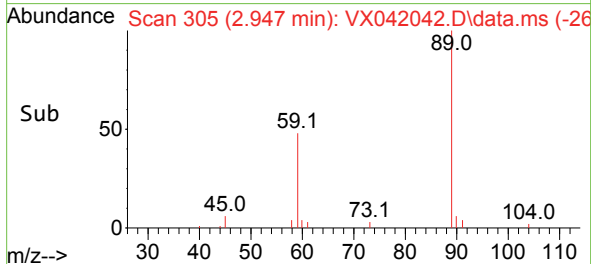
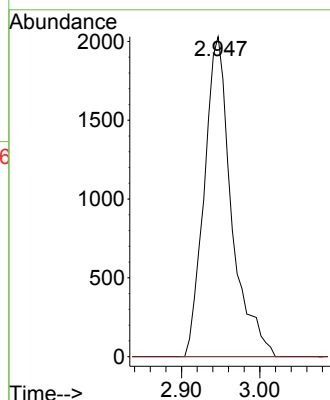
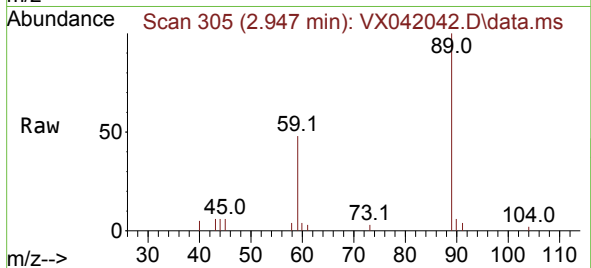
A1285

Tgt Ion: 59 Resp: 4908

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.253 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

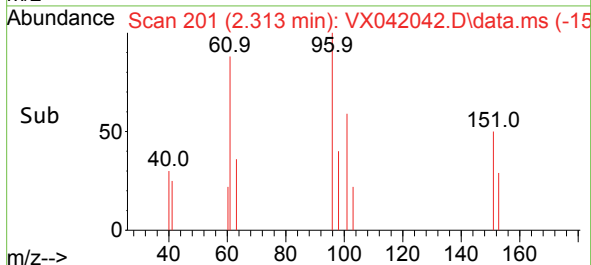
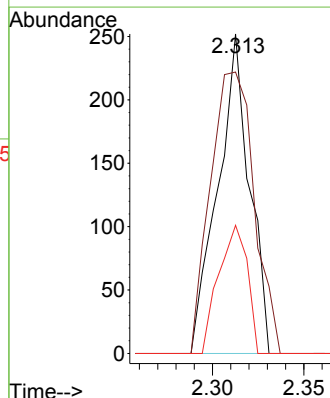
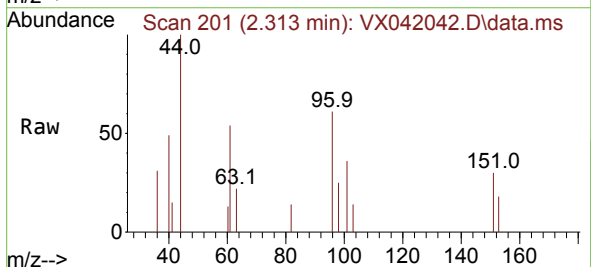
Tgt Ion: 96 Resp: 303

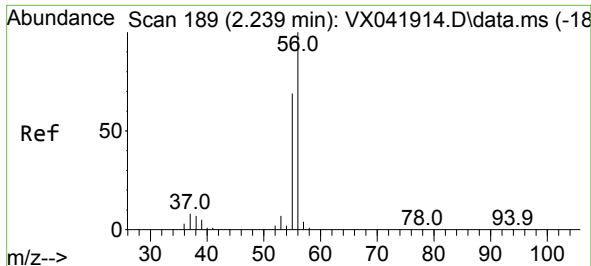
Ion Ratio Lower Upper

96 100

61 88.1 144.6 216.8#

98 40.1 50.4 75.6#





#13

Acrolein

Concen: 0.776 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

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Acq: 25 Jun 2024 19:05

Instrument :

MSVOA\_X

ClientSampleId :

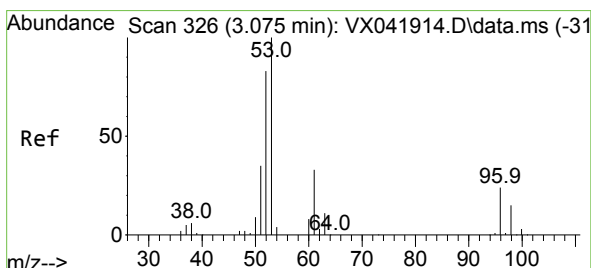
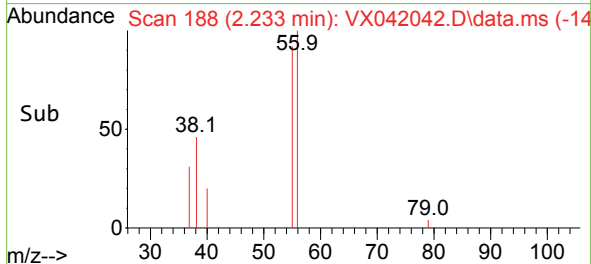
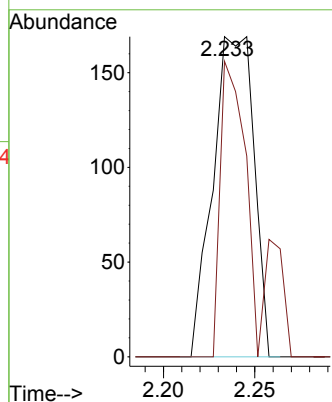
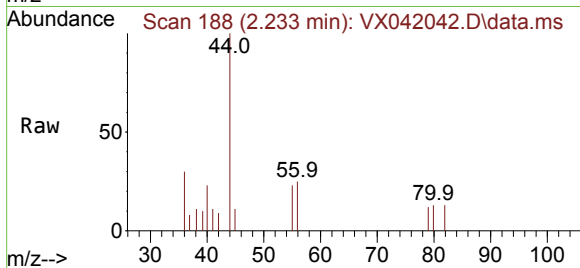
A1285

Tgt Ion: 56 Resp: 264

Ion Ratio Lower Upper

56 100

55 72.3 57.1 85.7



#15

Acrylonitrile

Concen: 0.584 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.025 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

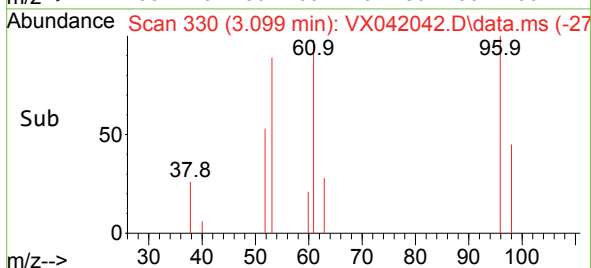
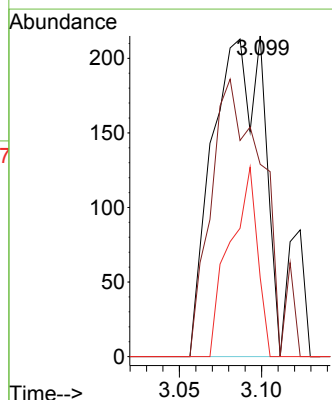
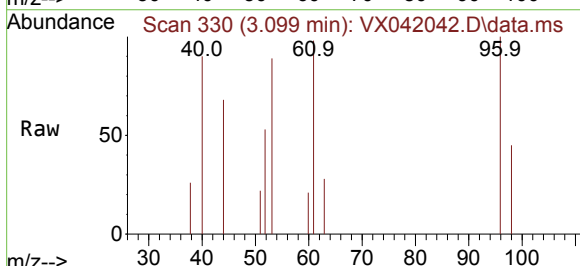
Tgt Ion: 53 Resp: 463

Ion Ratio Lower Upper

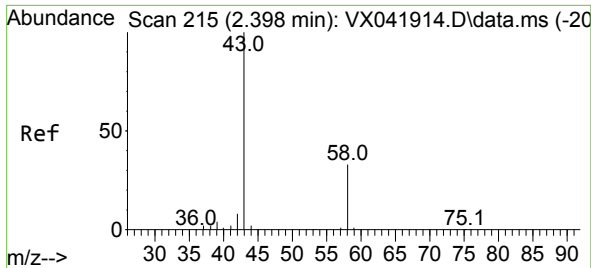
53 100

52 88.8 66.0 99.0

51 32.0 29.8 44.6



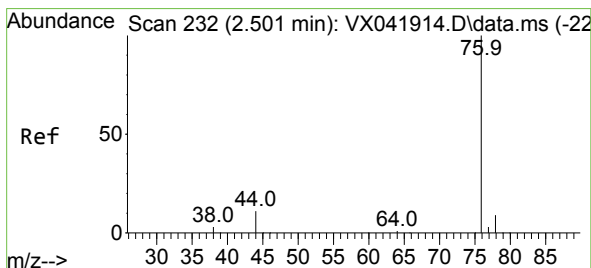
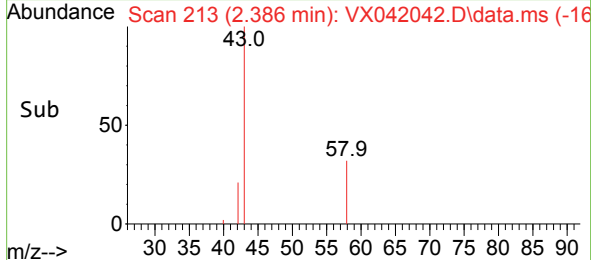
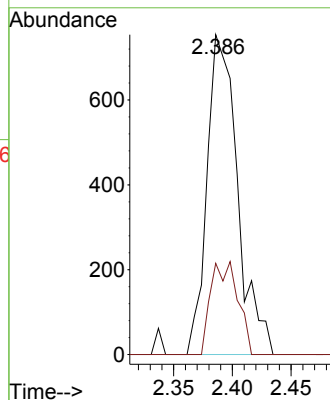
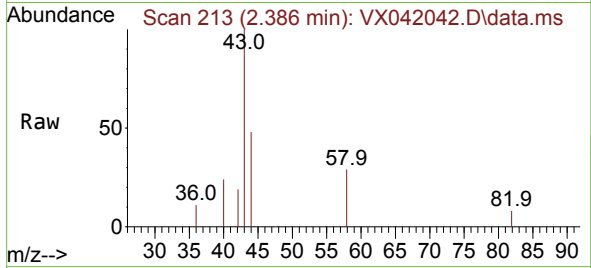




#16  
Acetone  
Concen: 1.945 ug/l  
RT: 2.386 min Scan# 215  
Delta R.T. -0.012 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

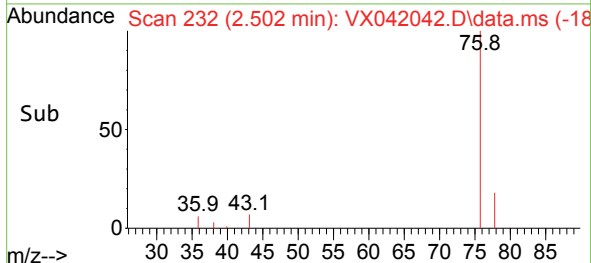
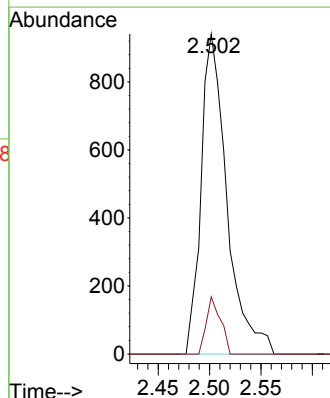
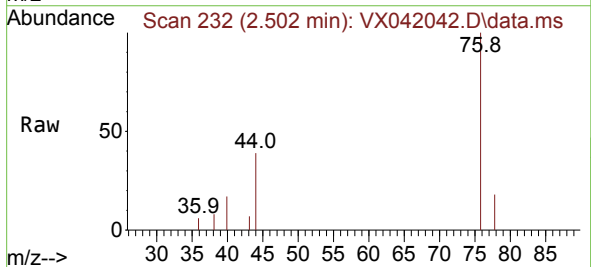
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

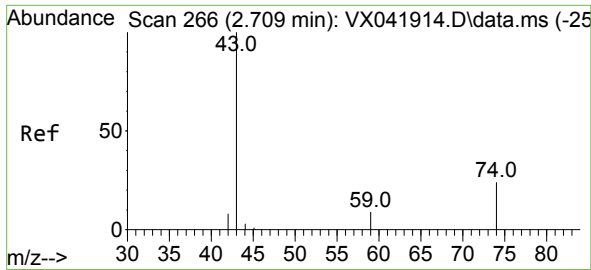
Tgt Ion: 43 Resp: 1366  
Ion Ratio Lower Upper  
43 100  
58 28.5 21.9 32.9



#17  
Carbon Disulfide  
Concen: 0.675 ug/l  
RT: 2.502 min Scan# 232  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 76 Resp: 1647  
Ion Ratio Lower Upper  
76 100  
78 17.9 7.0 10.6#

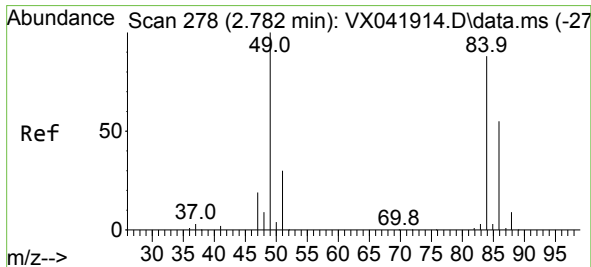
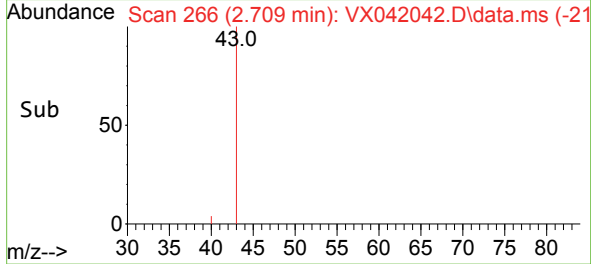
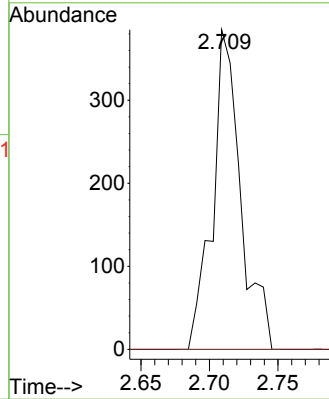
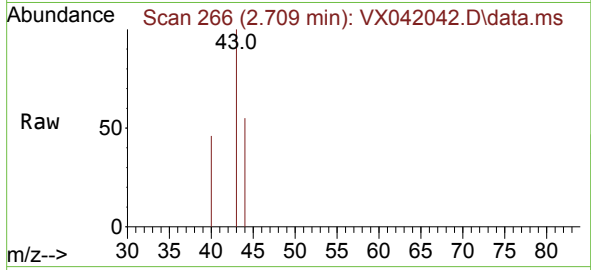




#18  
Methyl Acetate  
Concen: 0.286 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

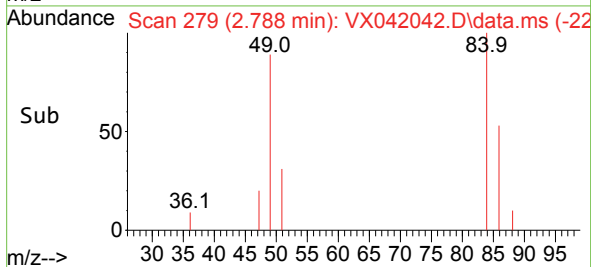
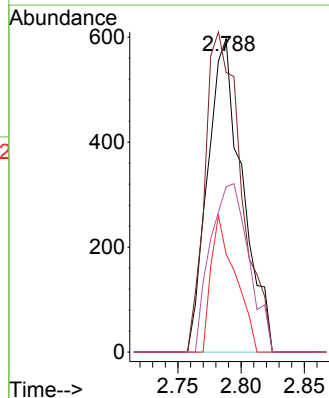
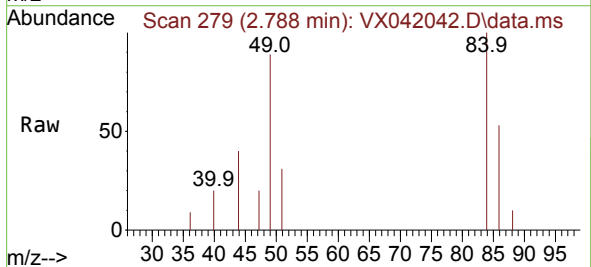
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

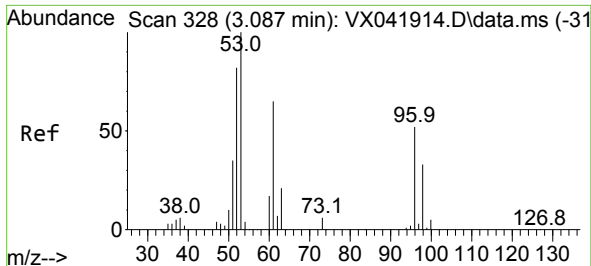
Tgt Ion: 43 Resp: 548  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.8 26.8#



#20  
Methylene Chloride  
Concen: 0.740 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 84 Resp: 1138  
Ion Ratio Lower Upper  
84 100  
49 89.3 103.6 155.4#  
51 31.3 33.8 50.6#  
86 52.8 49.4 74.0

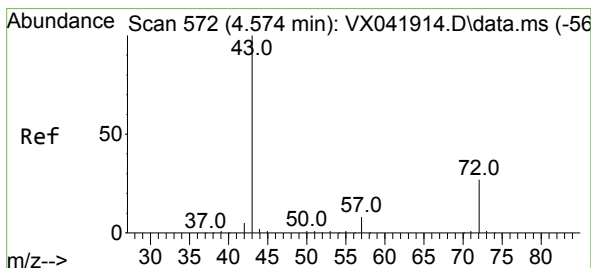
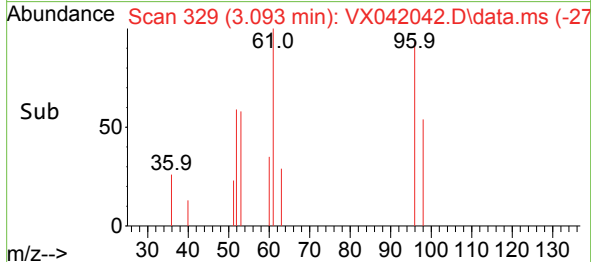
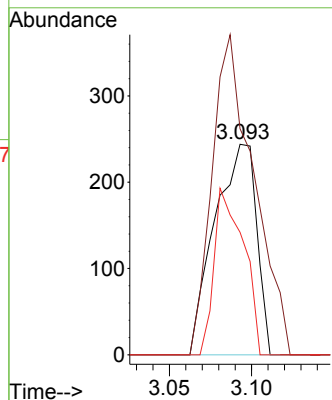
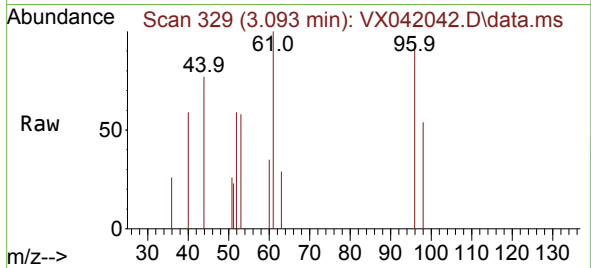




#21  
trans-1,2-Dichloroethene  
Concen: 0.355 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

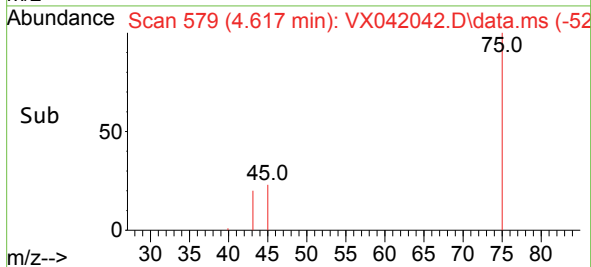
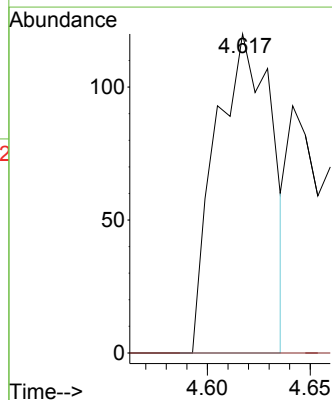
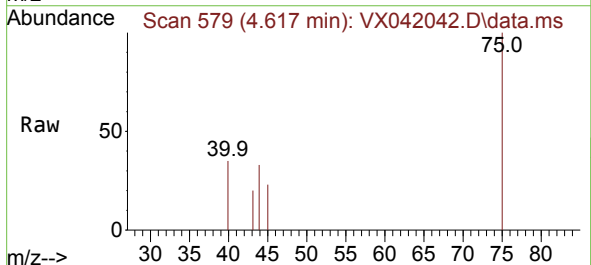
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

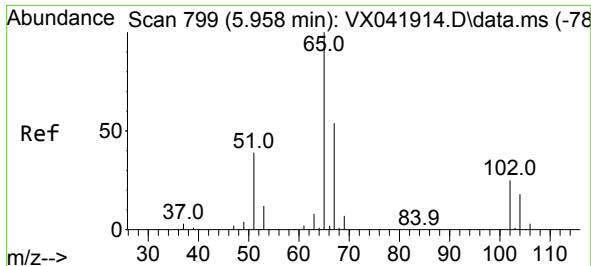
Tgt Ion: 96 Resp: 431  
Ion Ratio Lower Upper  
96 100  
61 107.4 119.2 178.8#  
98 58.2 48.7 73.1



#25  
2-Butanone  
Concen: 0.210 ug/l  
RT: 4.617 min Scan# 579  
Delta R.T. 0.043 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 43 Resp: 229  
Ion Ratio Lower Upper  
43 100  
72 0.0 19.4 29.2#

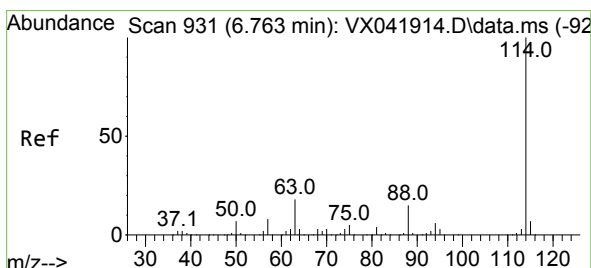
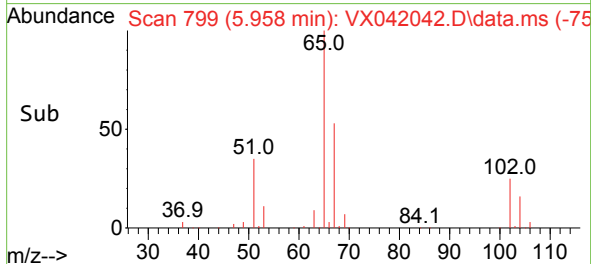
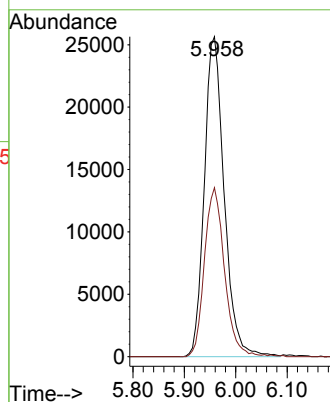
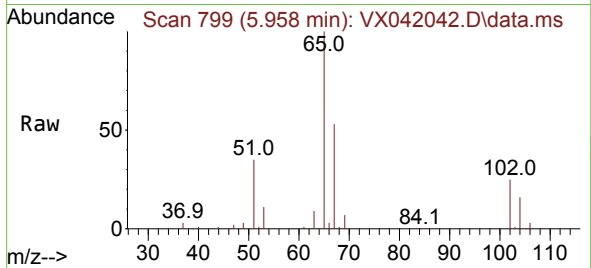




#33  
1,2-Dichloroethane-d4  
Concen: 43.071 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

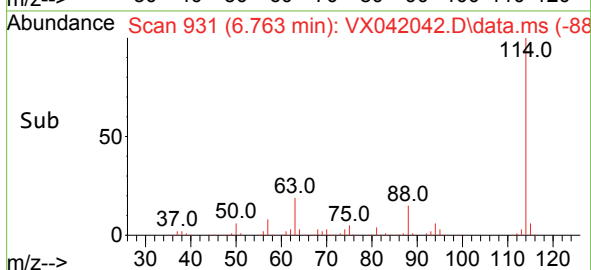
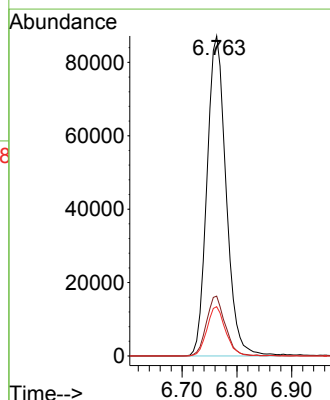
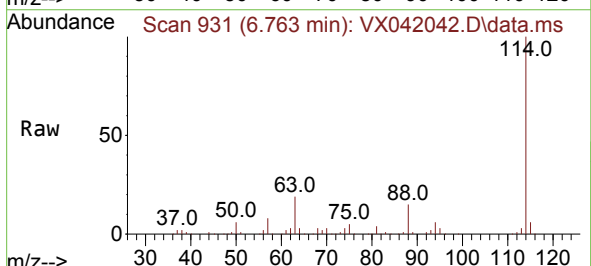
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

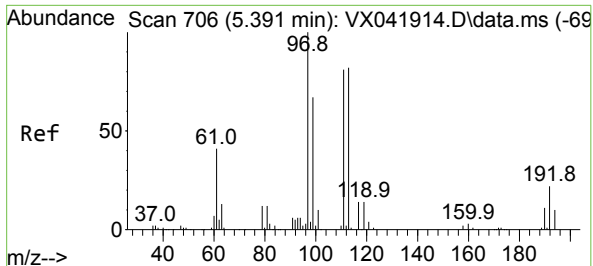
Tgt Ion: 65 Resp: 68876  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 114 Resp: 210923  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 45.0  
88 15.4 0.0 36.6

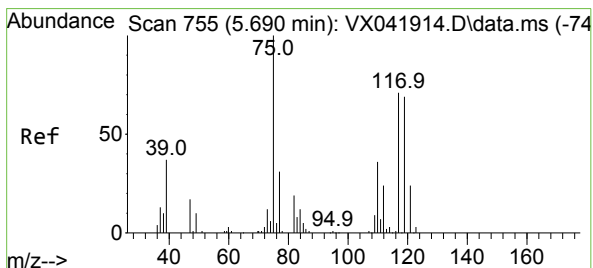
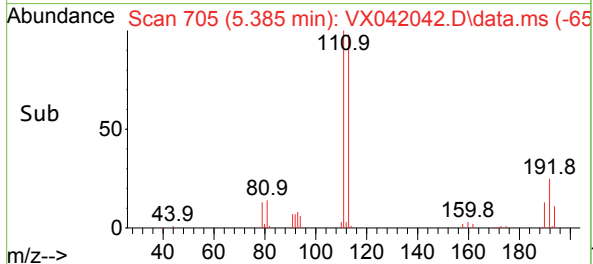
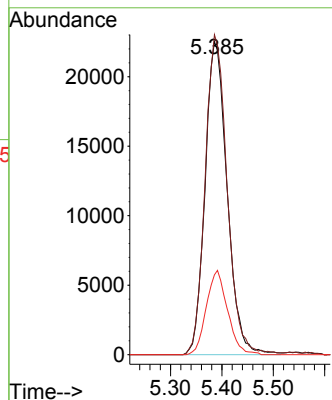
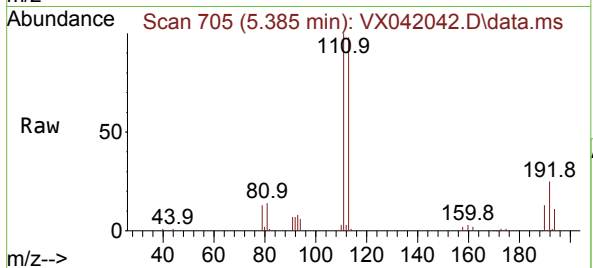




#35  
Dibromofluoromethane  
Concen: 44.890 ug/l  
RT: 5.385 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

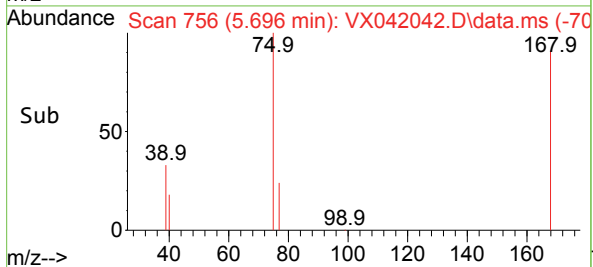
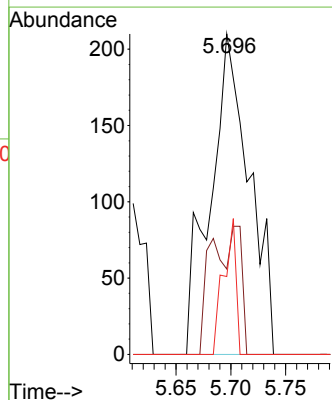
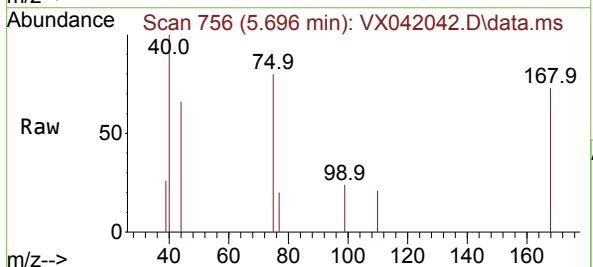
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

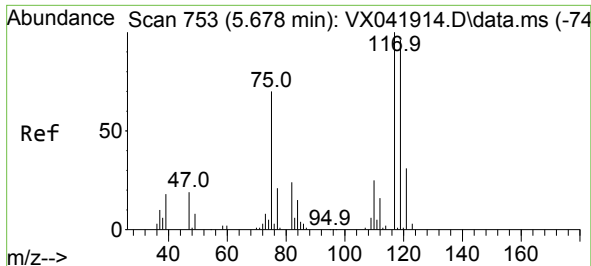
Tgt Ion:113 Resp: 67182  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.9 124.3  
192 25.9 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 0.329 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

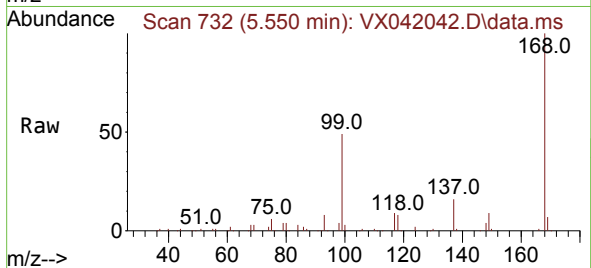
Tgt Ion: 75 Resp: 523  
Ion Ratio Lower Upper  
75 100  
110 18.4 17.0 50.9  
77 13.4 24.7 37.1#



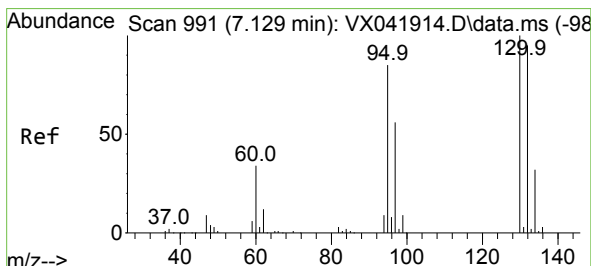
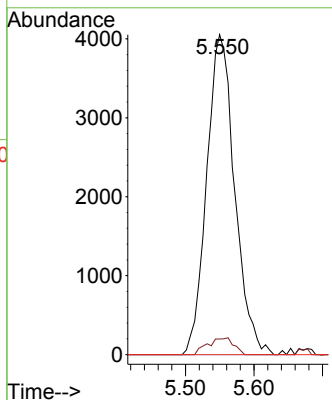
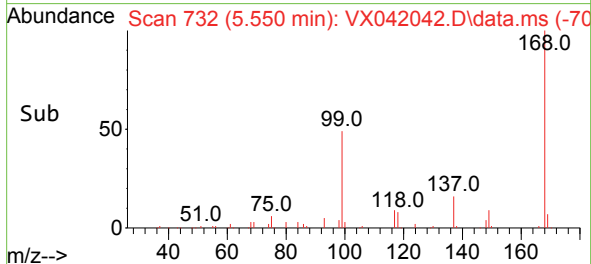


#38  
Carbon Tetrachloride  
Concen: 6.545 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

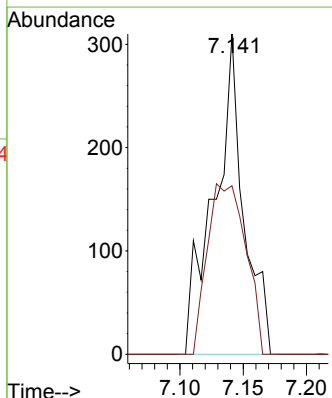
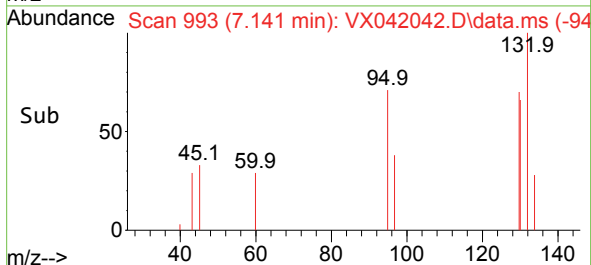
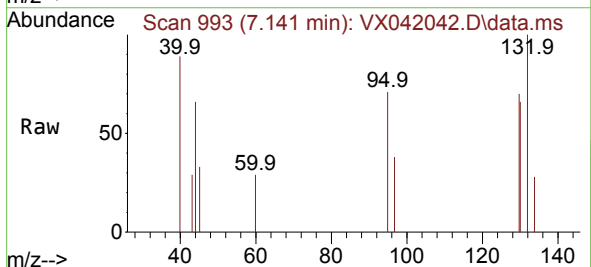


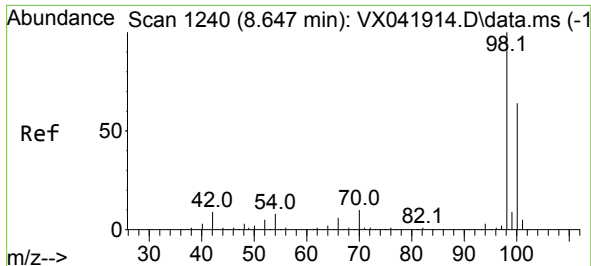
Tgt Ion:117 Resp: 11492  
Ion Ratio Lower Upper  
117 100  
119 4.9 78.2 117.2#  
121 0.0 24.4 36.6#



#44  
Trichloroethene  
Concen: 0.351 ug/l  
RT: 7.141 min Scan# 993  
Delta R.T. 0.012 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion:130 Resp: 505  
Ion Ratio Lower Upper  
130 100  
95 52.6 0.0 204.4

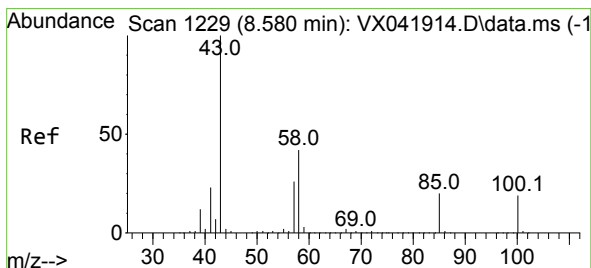
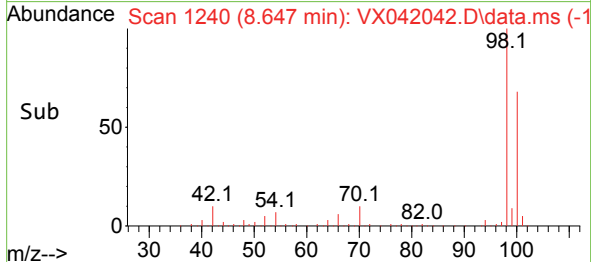
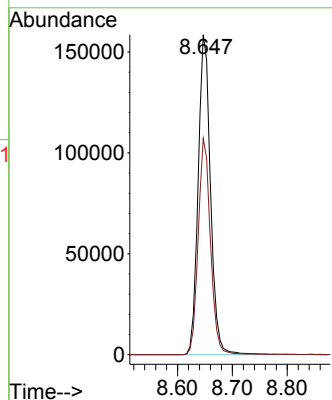
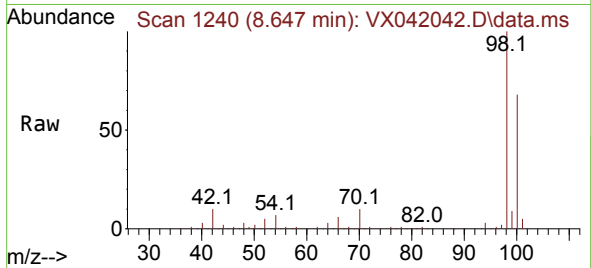




#50  
Toluene-d8  
Concen: 47.405 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

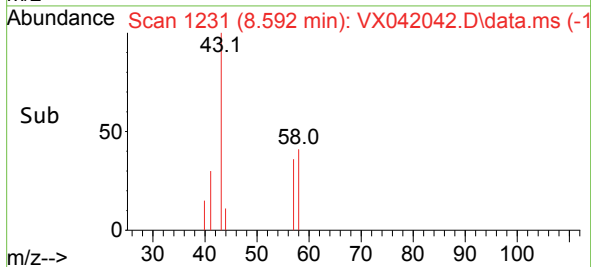
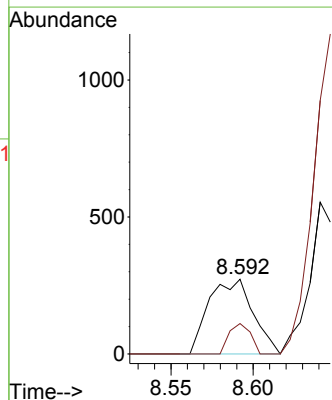
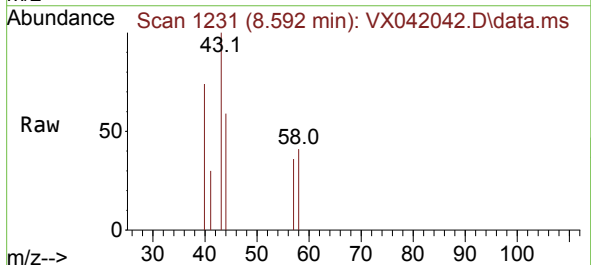
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

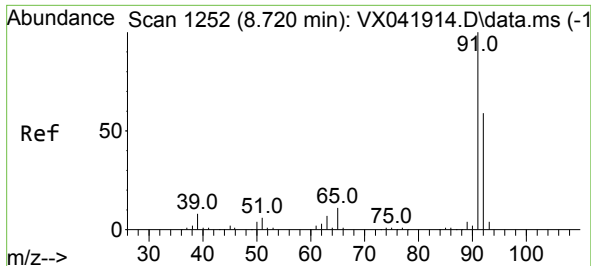
Tgt Ion: 98 Resp: 249242  
Ion Ratio Lower Upper  
98 100  
100 67.2 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.233 ug/l  
RT: 8.592 min Scan# 1231  
Delta R.T. 0.012 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 43 Resp: 510  
Ion Ratio Lower Upper  
43 100  
58 19.8 30.4 45.6#

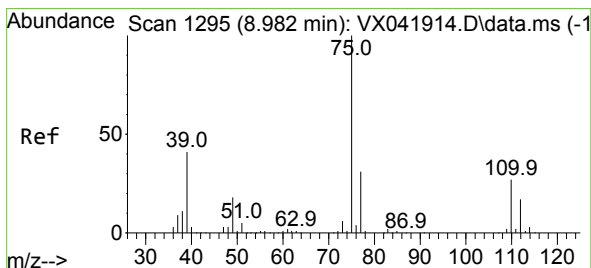
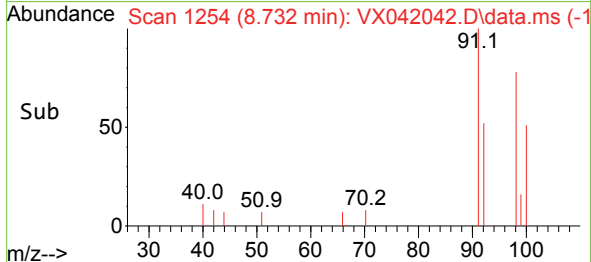
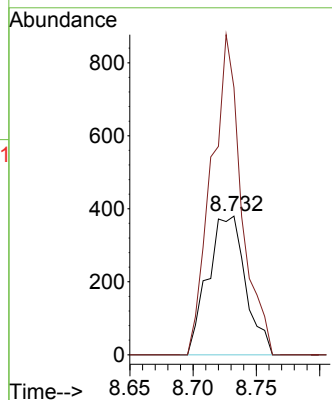
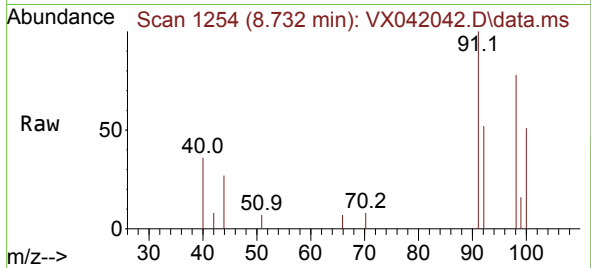




#52  
Toluene  
Concen: 0.230 ug/l  
RT: 8.732 min Scan# 1254  
Delta R.T. 0.012 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

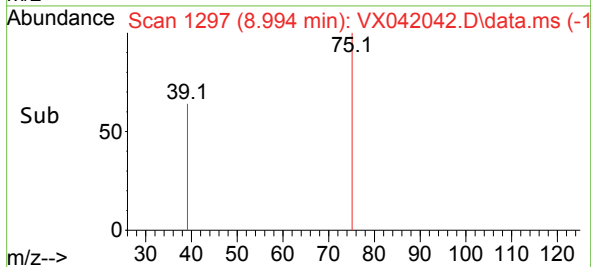
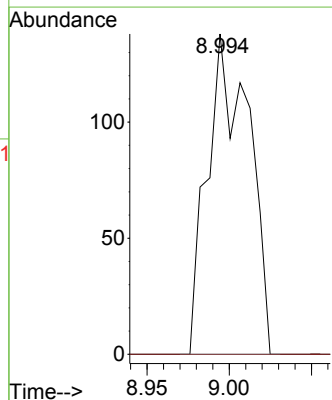
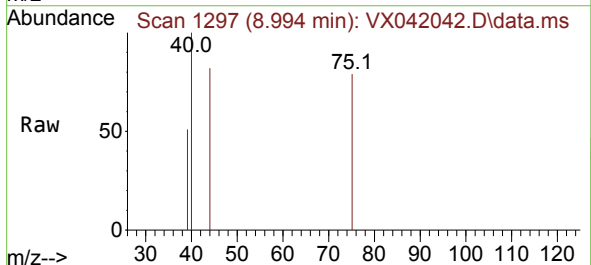
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

Tgt Ion: 92 Resp: 785  
Ion Ratio Lower Upper  
92 100  
91 185.4 134.2 201.2

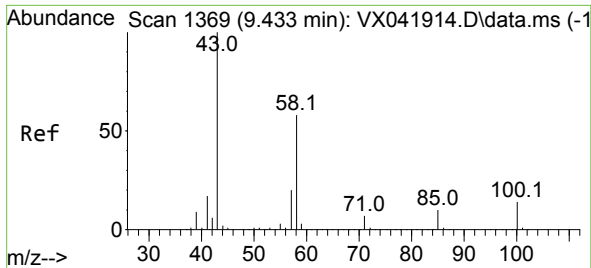


#53  
t-1,3-Dichloropropene  
Concen: 1.023 ug/l  
RT: 8.994 min Scan# 1297  
Delta R.T. 0.012 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 75 Resp: 243  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.7 38.5#



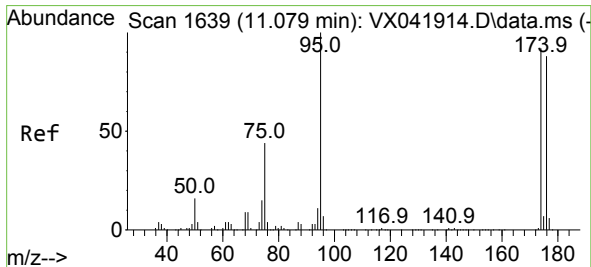
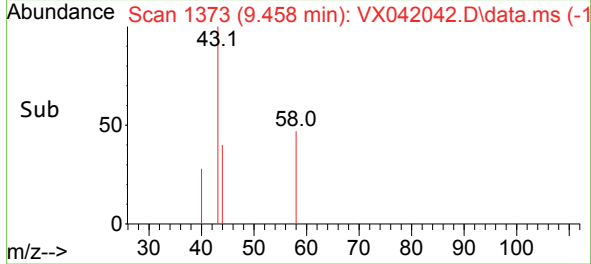
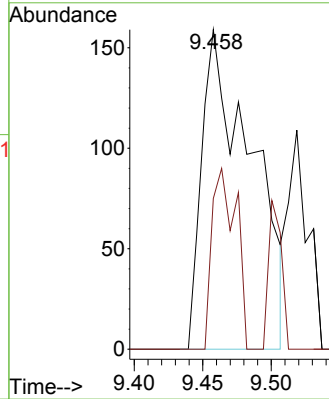
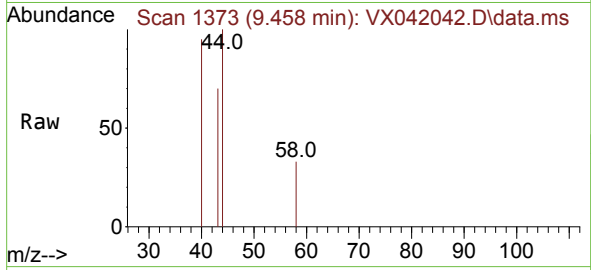




#59  
2-Hexanone  
Concen: 0.239 ug/l  
RT: 9.458 min Scan# 11  
Delta R.T. 0.025 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

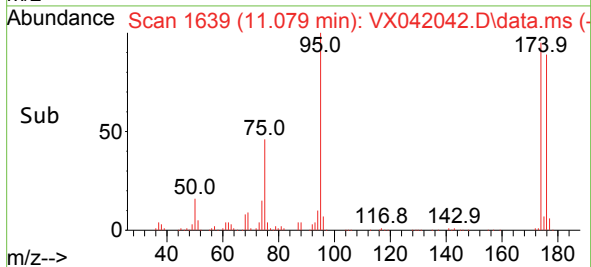
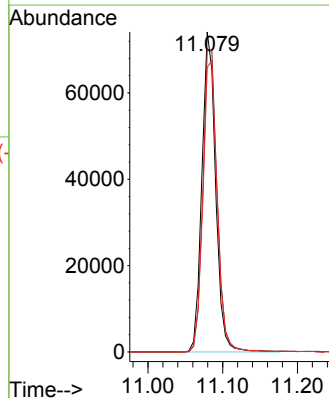
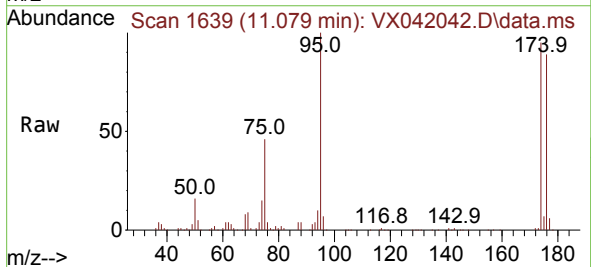
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

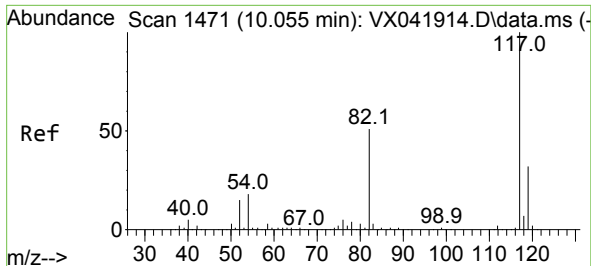
Tgt Ion: 43 Resp: 400  
Ion Ratio Lower Upper  
43 100  
58 27.5 26.2 78.5



#62  
4-Bromofluorobenzene  
Concen: 48.738 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 95 Resp: 94459  
Ion Ratio Lower Upper  
95 100  
174 99.4 0.0 135.6  
176 95.0 0.0 131.0

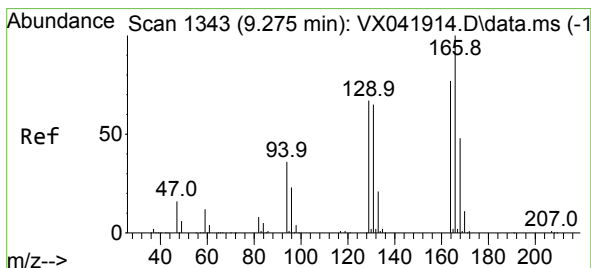
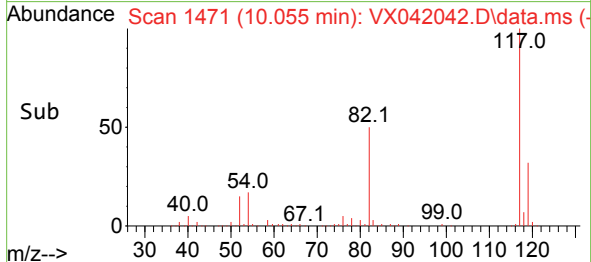
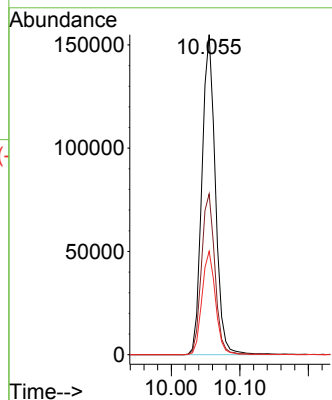
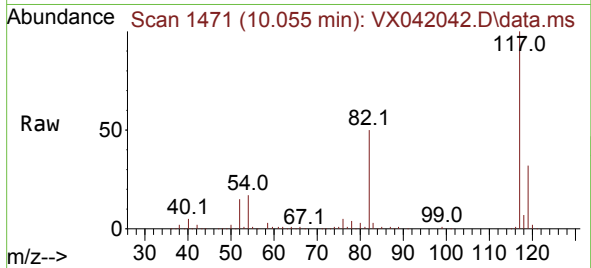




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

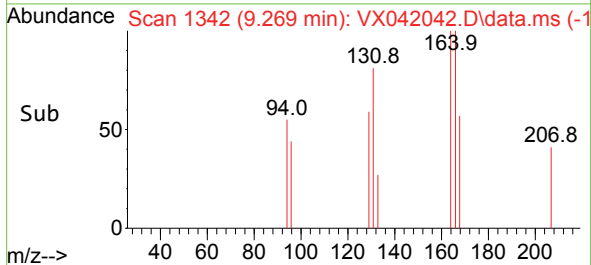
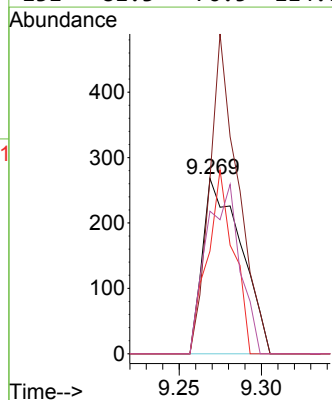
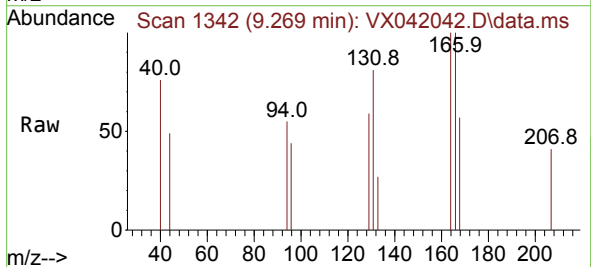
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

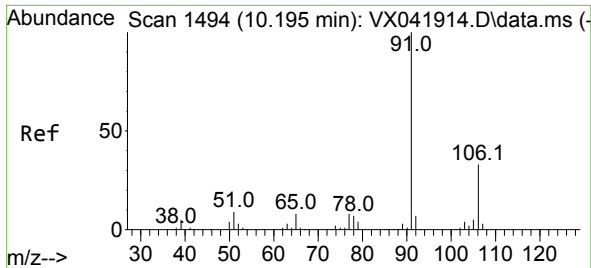
Tgt Ion:117 Resp: 211862  
Ion Ratio Lower Upper  
117 100  
82 50.2 46.2 69.4  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 0.282 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion:164 Resp: 435  
Ion Ratio Lower Upper  
164 100  
166 99.6 102.7 154.1#  
129 58.6 80.4 120.6#  
131 81.3 76.5 114.7

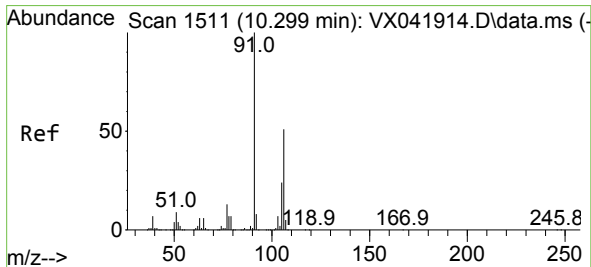
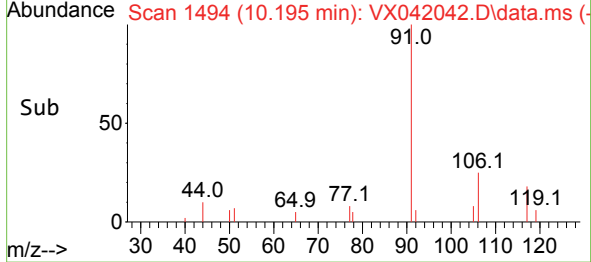
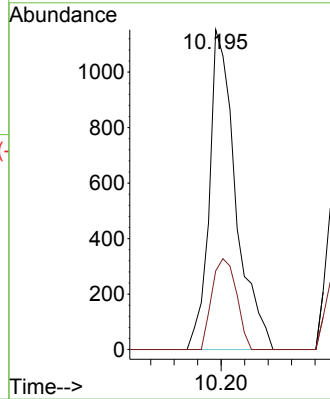
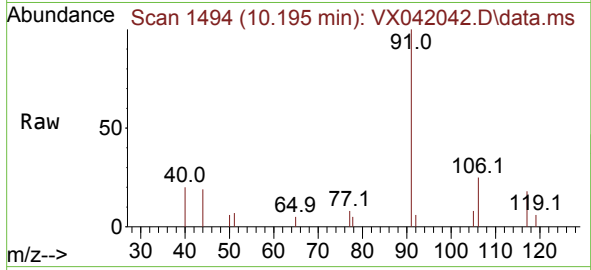




#67  
Ethyl Benzene  
Concen: 0.261 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

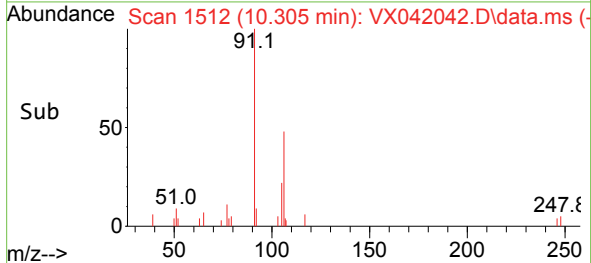
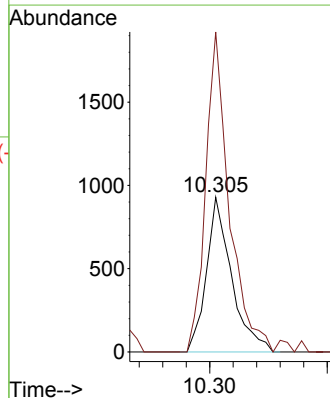
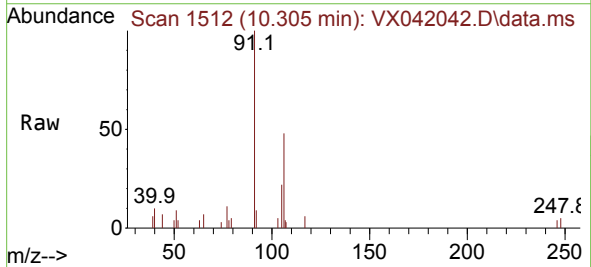
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

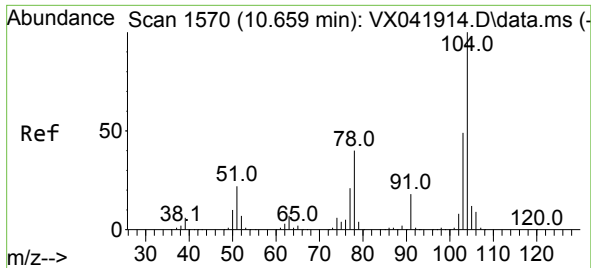
Tgt Ion: 91 Resp: 1803  
Ion Ratio Lower Upper  
91 100  
106 24.6 24.9 37.3#



#68  
m/p-Xylenes  
Concen: 0.495 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 106 Resp: 1380  
Ion Ratio Lower Upper  
106 100  
91 193.6 165.5 248.3





#70

Styrene

Concen: 0.222 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA\_X

ClientSampleId :

A1285

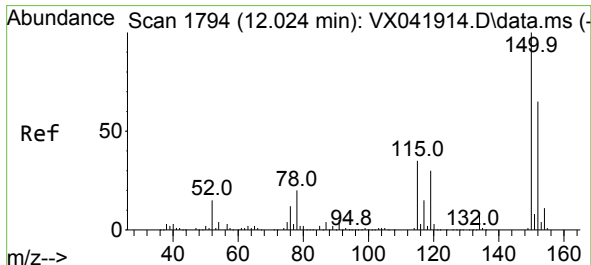
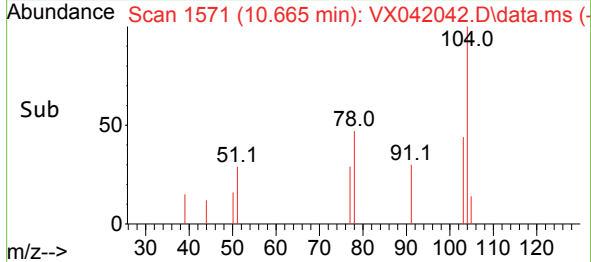
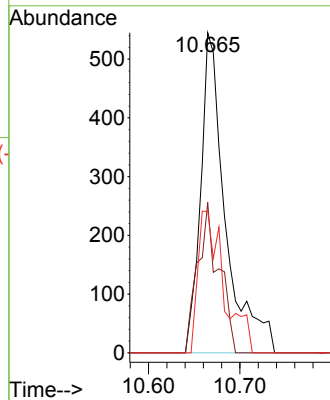
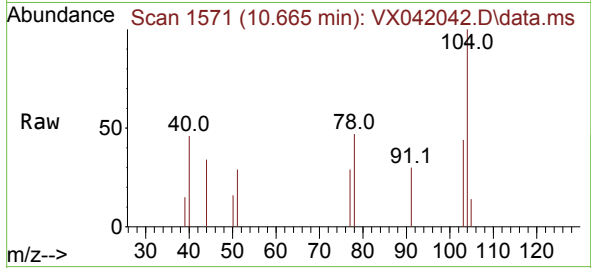
Tgt Ion:104 Resp: 1029

Ion Ratio Lower Upper

104 100

78 40.1 43.6 65.4#

103 39.3 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

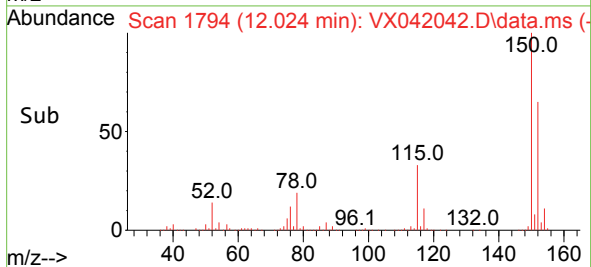
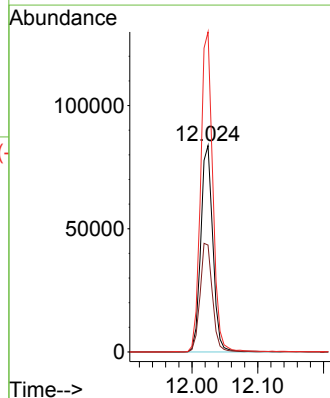
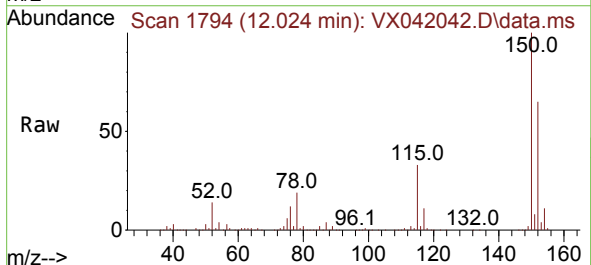
Tgt Ion:152 Resp: 107083

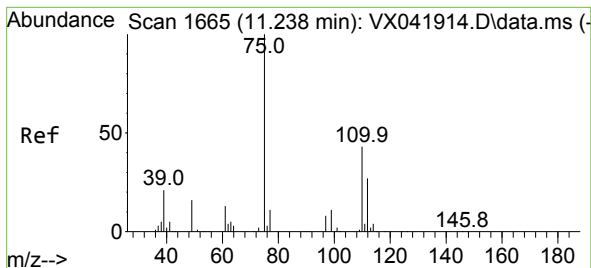
Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.124 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA\_X

ClientSampleId :

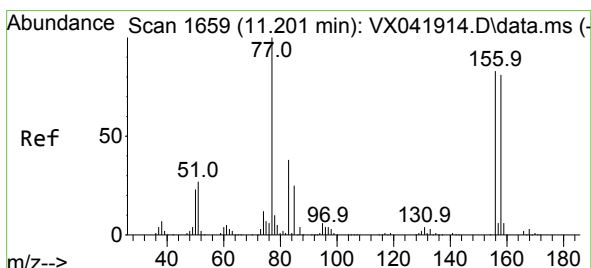
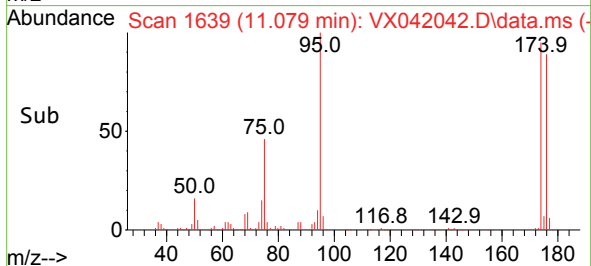
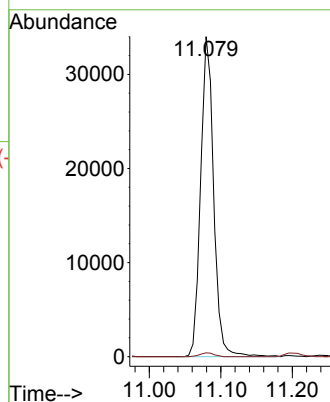
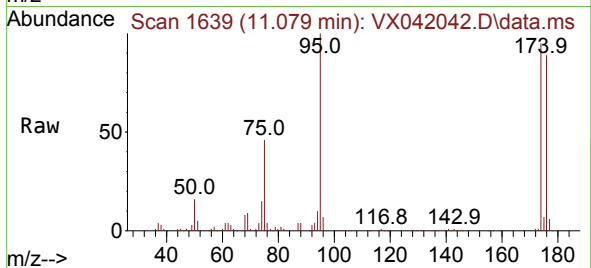
A1285

Tgt Ion: 75 Resp: 43009

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#77

Bromobenzene

Concen: 0.234 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

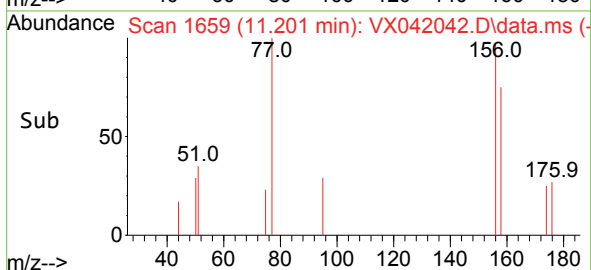
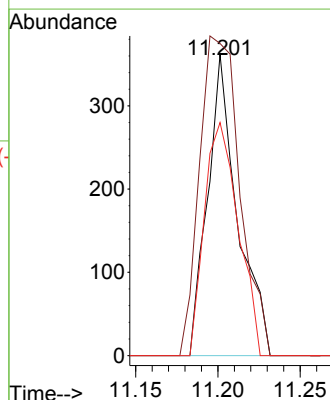
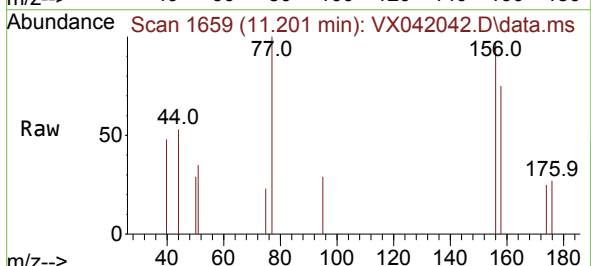
Tgt Ion:156 Resp: 454

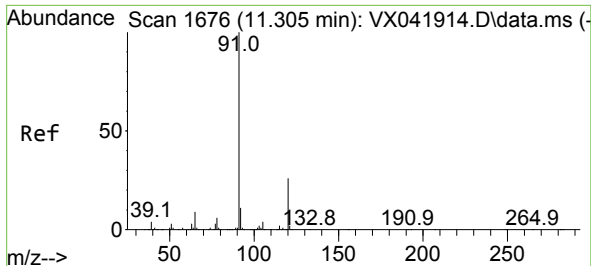
Ion Ratio Lower Upper

156 100

77 144.3 88.4 265.3

158 87.9 48.0 144.0

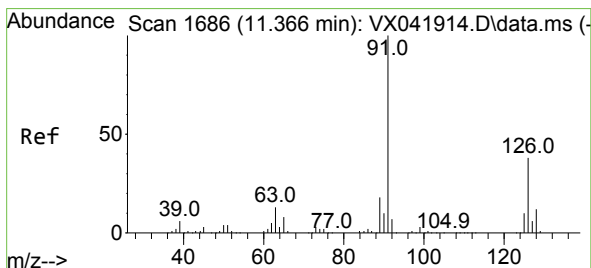
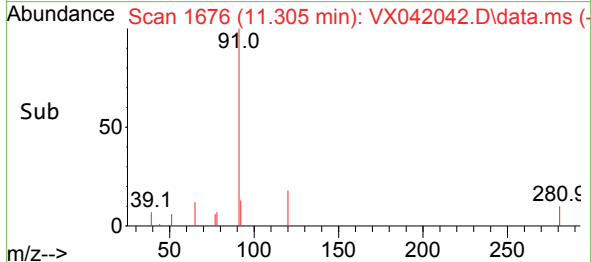
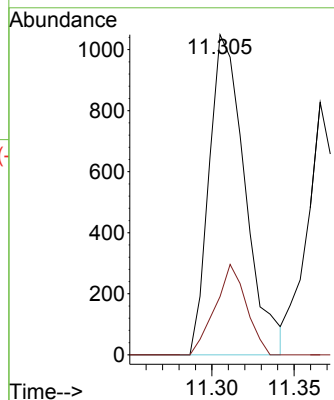
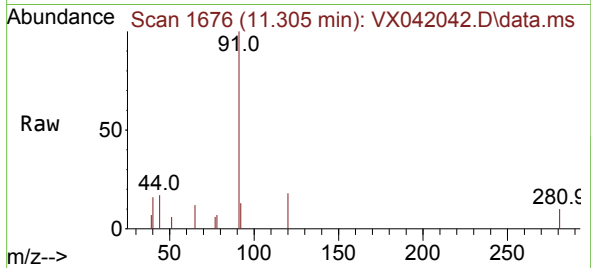




#78  
n-propylbenzene  
Concen: 0.226 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

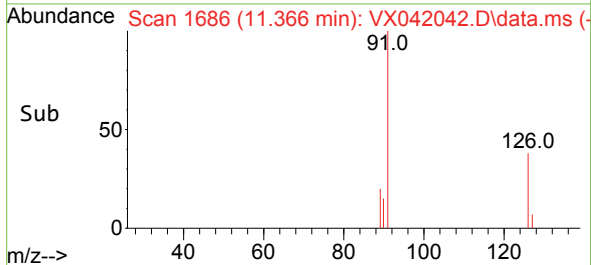
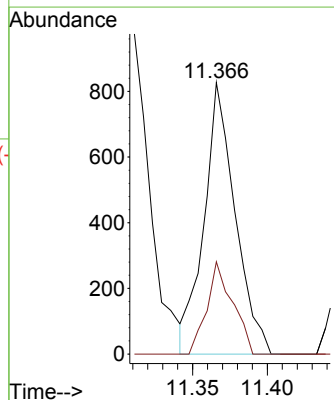
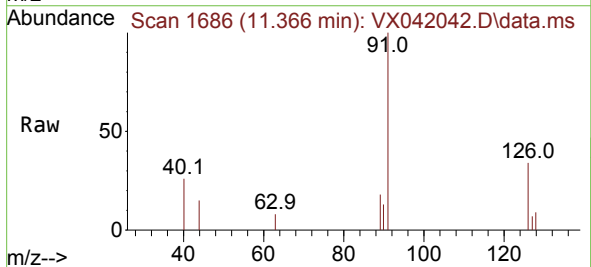
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

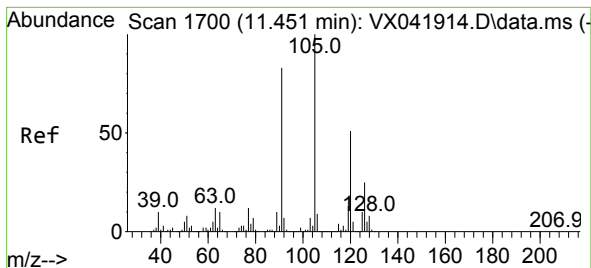
Tgt Ion: 91 Resp: 1596  
Ion Ratio Lower Upper  
91 100  
120 24.4 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 0.262 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 91 Resp: 1194  
Ion Ratio Lower Upper  
91 100  
126 28.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.212 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA\_X

ClientSampleId :

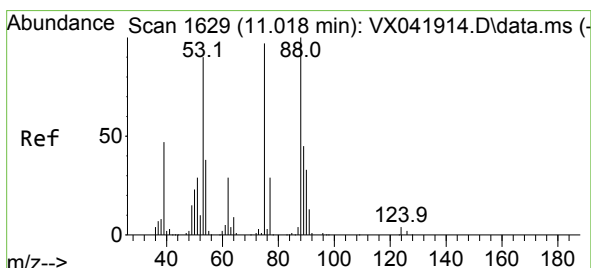
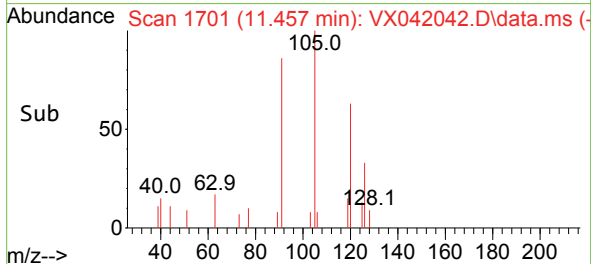
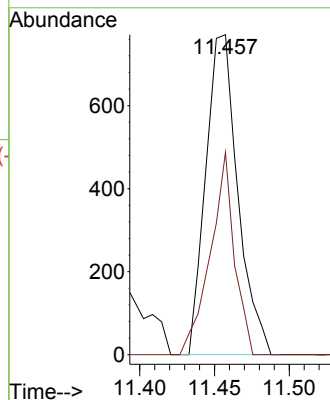
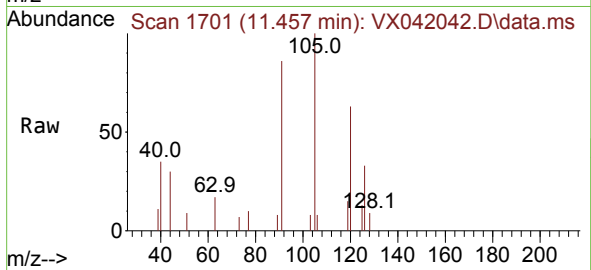
A1285

Tgt Ion:105 Resp: 1149

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 62.830 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

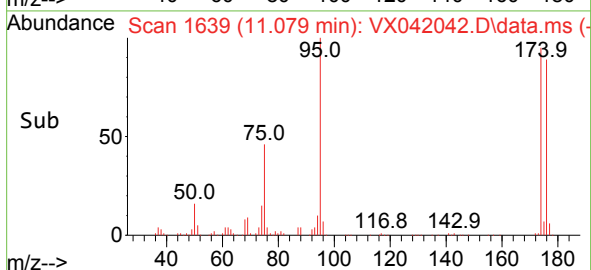
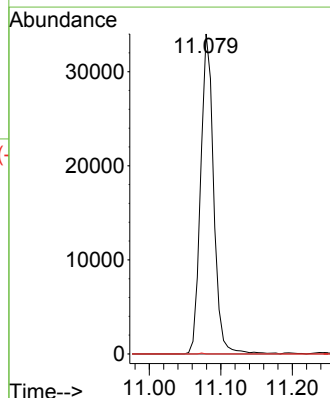
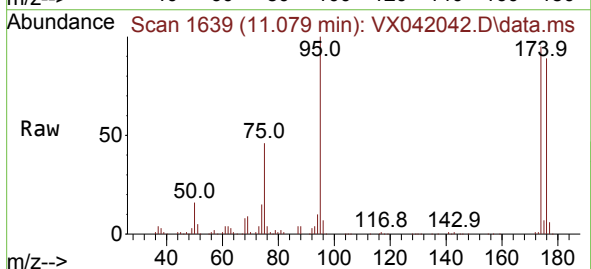
Tgt Ion: 75 Resp: 43009

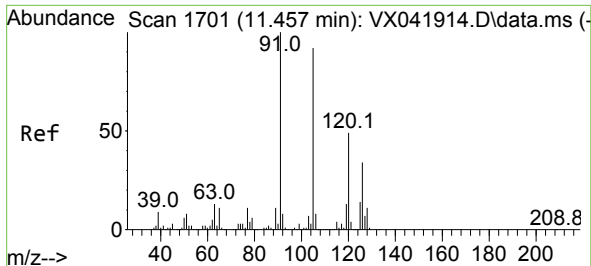
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

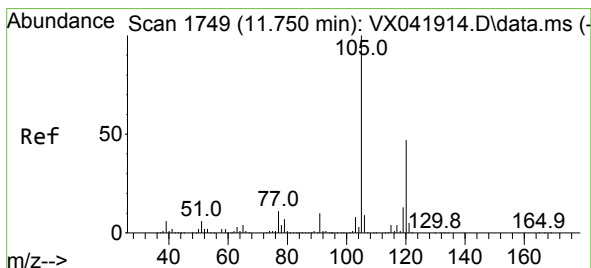
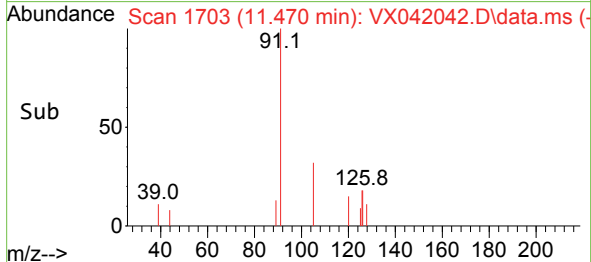
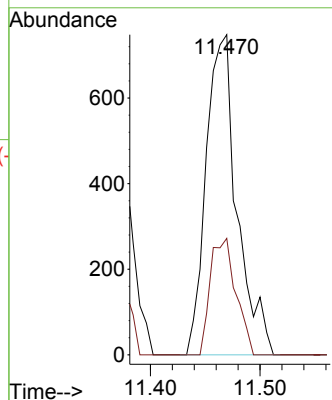
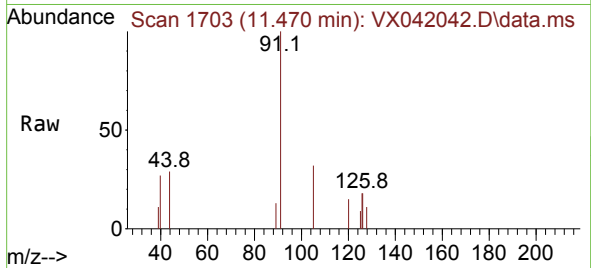




#82  
4-Chlorotoluene  
Concen: 0.291 ug/l  
RT: 11.470 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

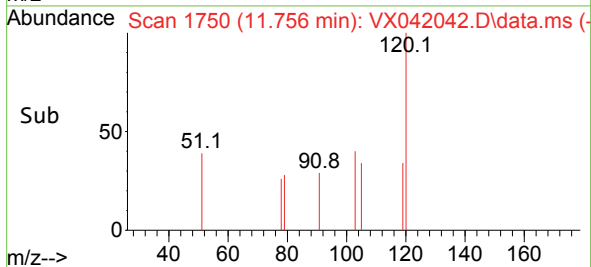
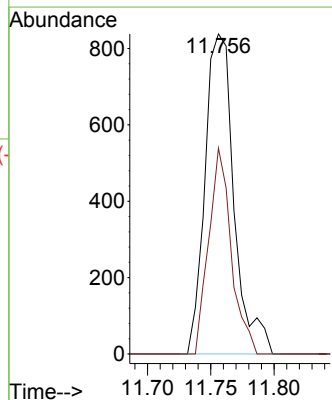
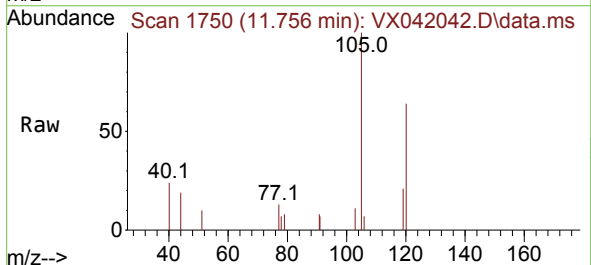
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

Tgt Ion: 91 Resp: 1465  
Ion Ratio Lower Upper  
91 100  
126 30.2 14.2 42.6

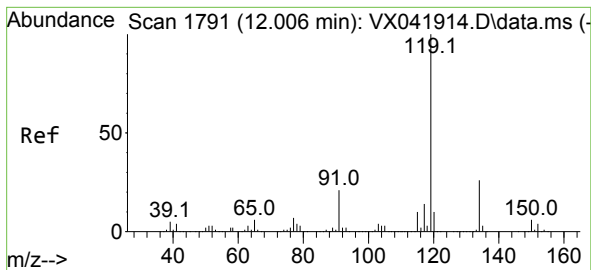


#84  
1,2,4-Trimethylbenzene  
Concen: 0.246 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 105 Resp: 1339  
Ion Ratio Lower Upper  
105 100  
120 49.9 21.2 63.6







#86

p-Isopropyltoluene

Concen: 0.212 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA\_X

ClientSampleId :

A1285

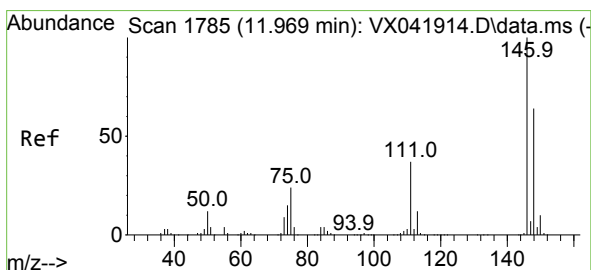
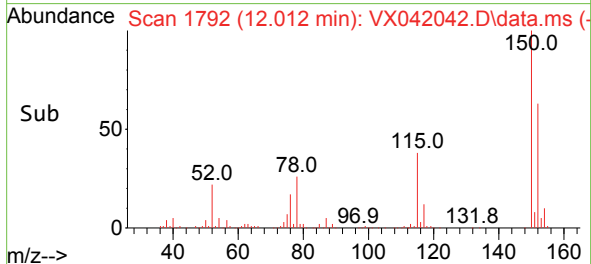
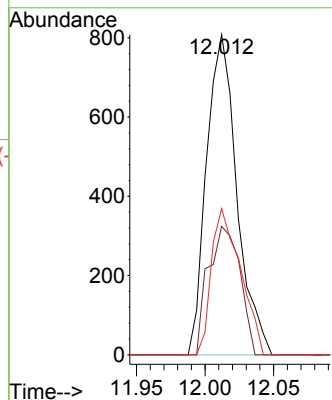
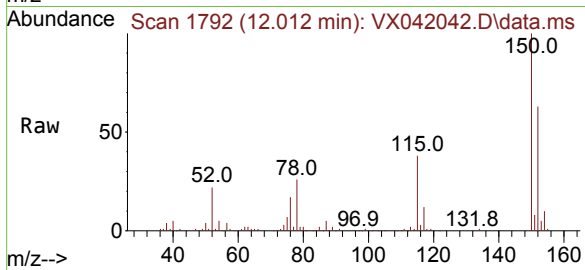
Tgt Ion:119 Resp: 1246

Ion Ratio Lower Upper

119 100

134 41.7 12.8 38.3#

91 43.7 13.1 39.3#



#87

1,3-Dichlorobenzene

Concen: 0.323 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

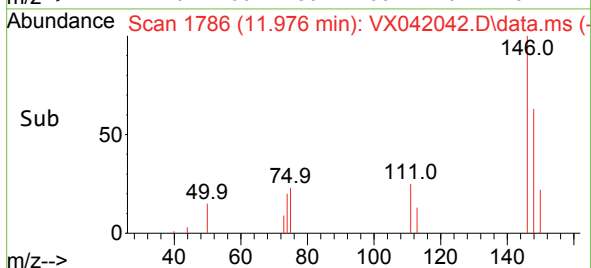
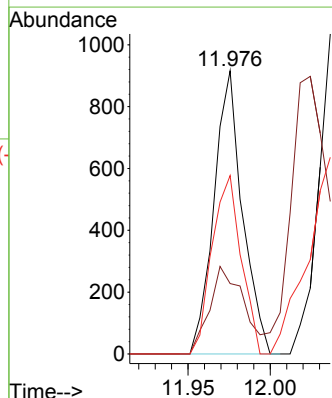
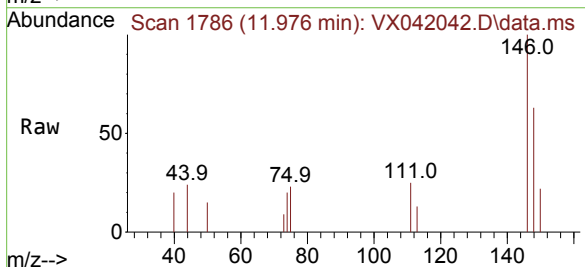
Tgt Ion:146 Resp: 1100

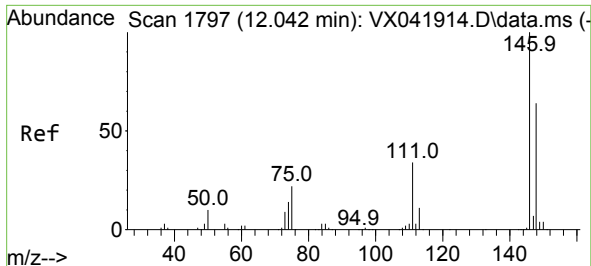
Ion Ratio Lower Upper

146 100

111 37.0 22.1 66.1

148 64.5 31.8 95.3

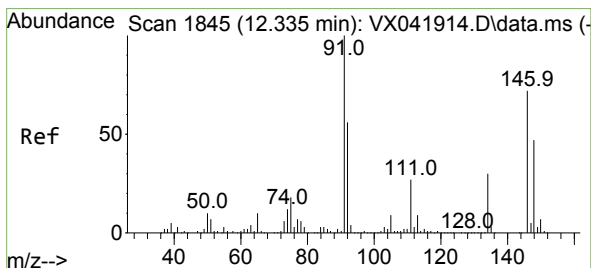
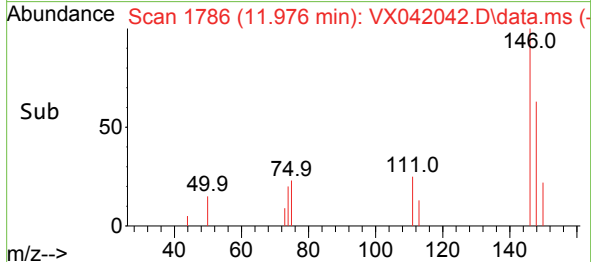
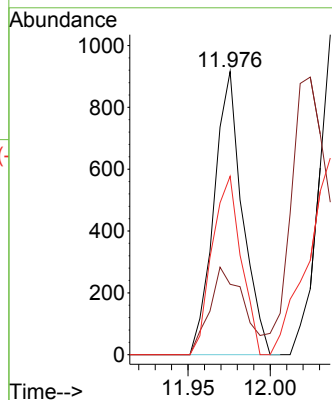
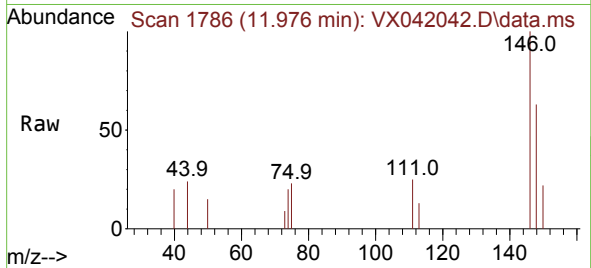




#88  
1,4-Dichlorobenzene  
Concen: 0.315 ug/l  
RT: 11.976 min Scan# 11  
Delta R.T. -0.067 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

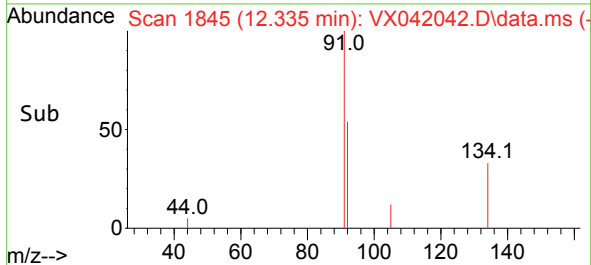
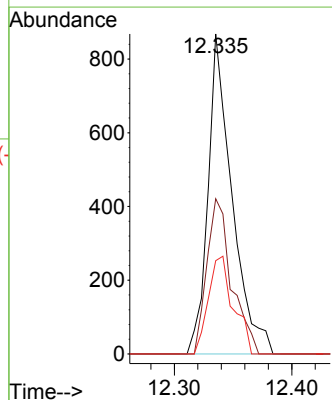
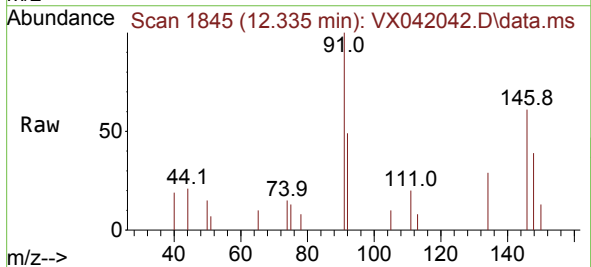
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

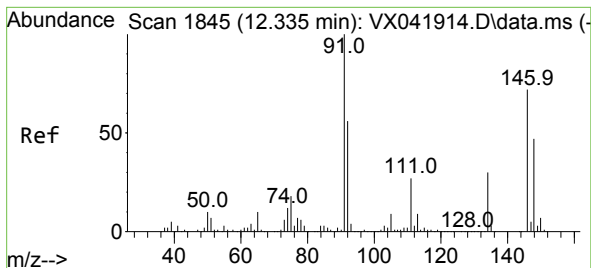
Tgt Ion:146 Resp: 1100  
Ion Ratio Lower Upper  
146 100  
111 37.0 21.3 63.7  
148 64.5 31.8 95.4



#89  
n-Butylbenzene  
Concen: 0.273 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

Tgt Ion: 91 Resp: 1234  
Ion Ratio Lower Upper  
91 100  
92 50.1 27.4 82.0  
134 31.7 12.6 37.8





#91

1,2-Dichlorobenzene

Concen: 0.256 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA\_X

ClientSampleId :

A1285

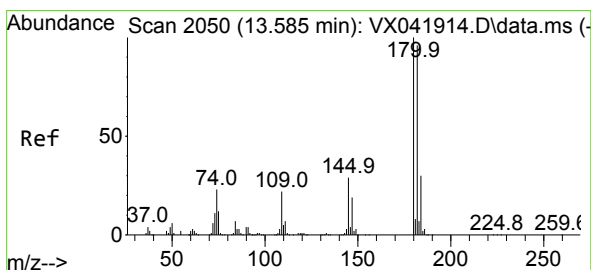
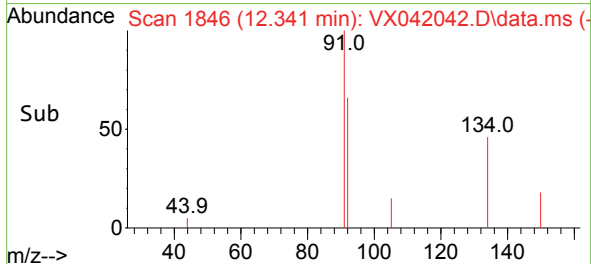
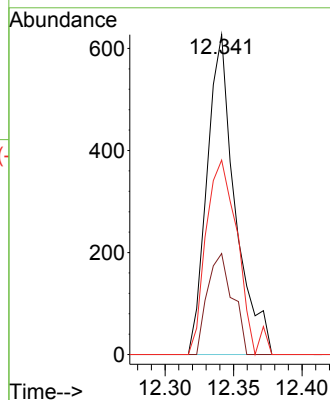
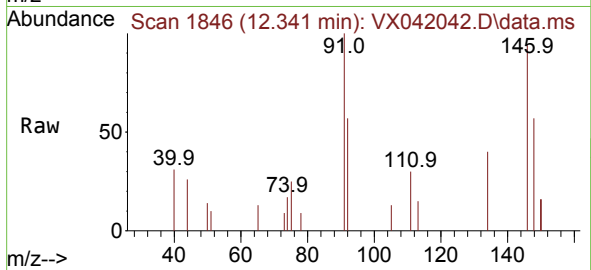
Tgt Ion:146 Resp: 894

Ion Ratio Lower Upper

146 100

111 28.4 22.4 67.0

148 68.7 31.6 95.0



#93

1,2,4-Trichlorobenzene

Concen: 0.586 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

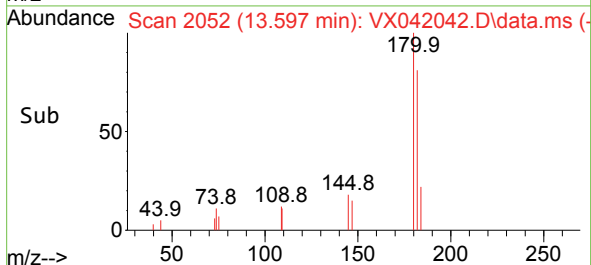
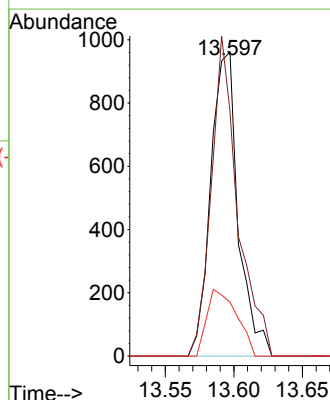
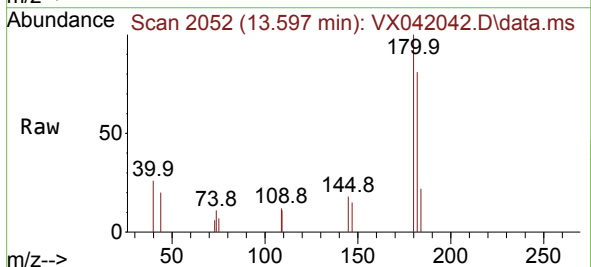
Tgt Ion:180 Resp: 1340

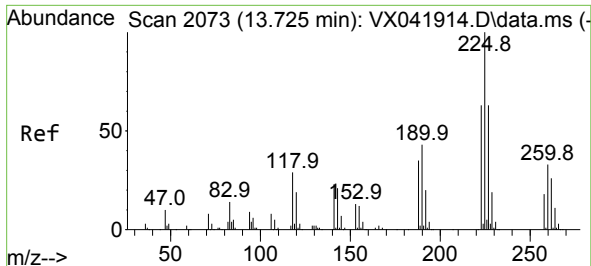
Ion Ratio Lower Upper

180 100

182 101.0 48.3 144.8

145 23.7 18.0 54.0

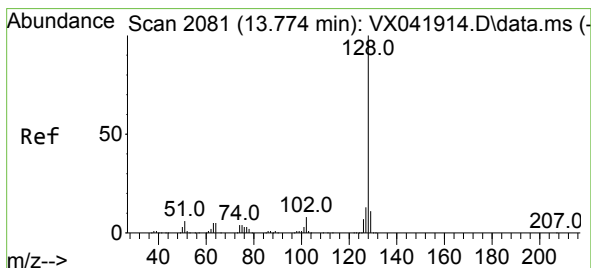
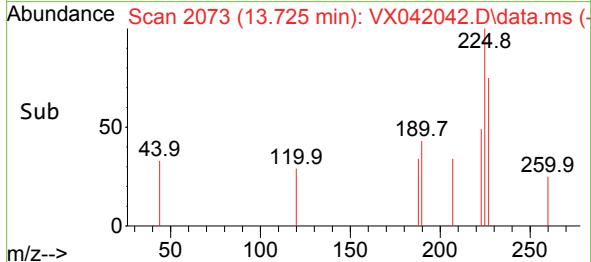
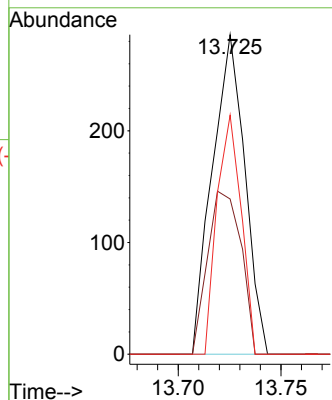
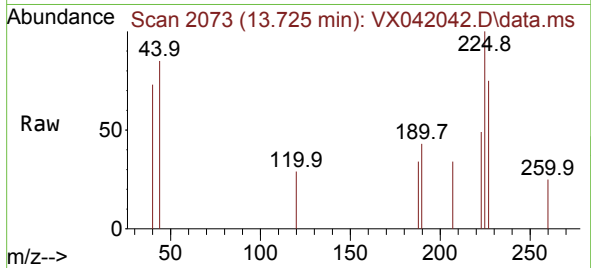




#94  
Hexachlorobutadiene  
Concen: 0.273 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

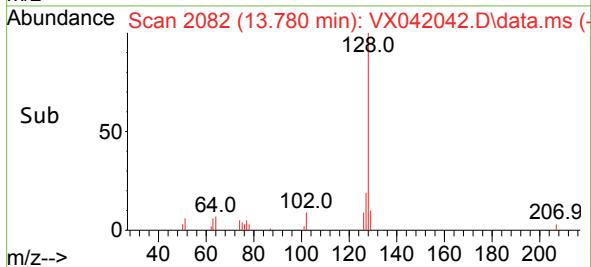
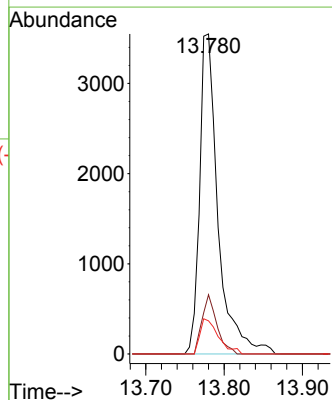
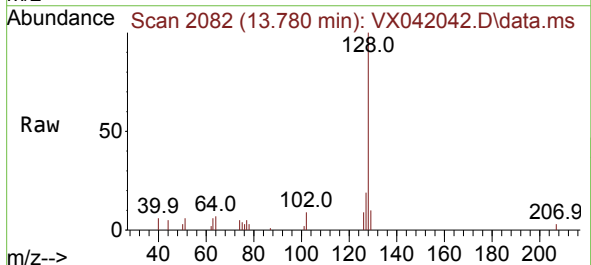
Instrument :  
MSVOA\_X  
ClientSampleId :  
A1285

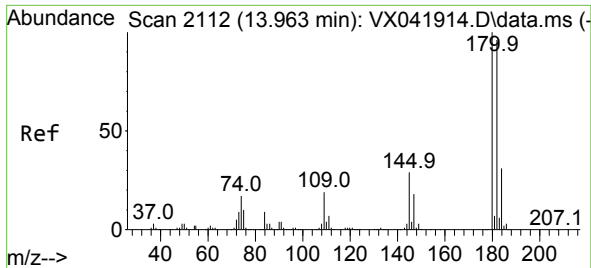
Tgt Ion:225 Resp: 315  
Ion Ratio Lower Upper  
225 100  
223 52.4 31.1 93.2  
227 55.6 32.5 97.5



#95  
Naphthalene  
Concen: 1.493 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX042042.D  
Acq: 25 Jun 2024 19:05

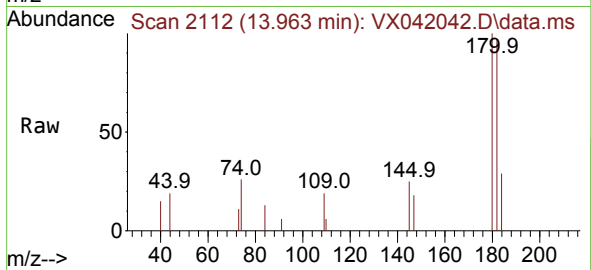
Tgt Ion:128 Resp: 5810  
Ion Ratio Lower Upper  
128 100  
127 14.9 10.3 15.5  
129 11.0 8.8 13.2





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.585 ug/l  
 RT: 13.963 min Scan# 2112  
 Delta R.T. 0.000 min  
 Lab File: VX042042.D  
 Acq: 25 Jun 2024 19:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A1285



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1410  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 91.6  | 46.9  | 140.6 |
| 145      | 24.8  | 17.8  | 53.5  |

