

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090523\  
 Data File : VX037529.D  
 Acq On : 06 Sep 2023 03:36  
 Operator : JC/MD  
 Sample : VX0905WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0905WBL02

Quant Time: Sep 06 05:26:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

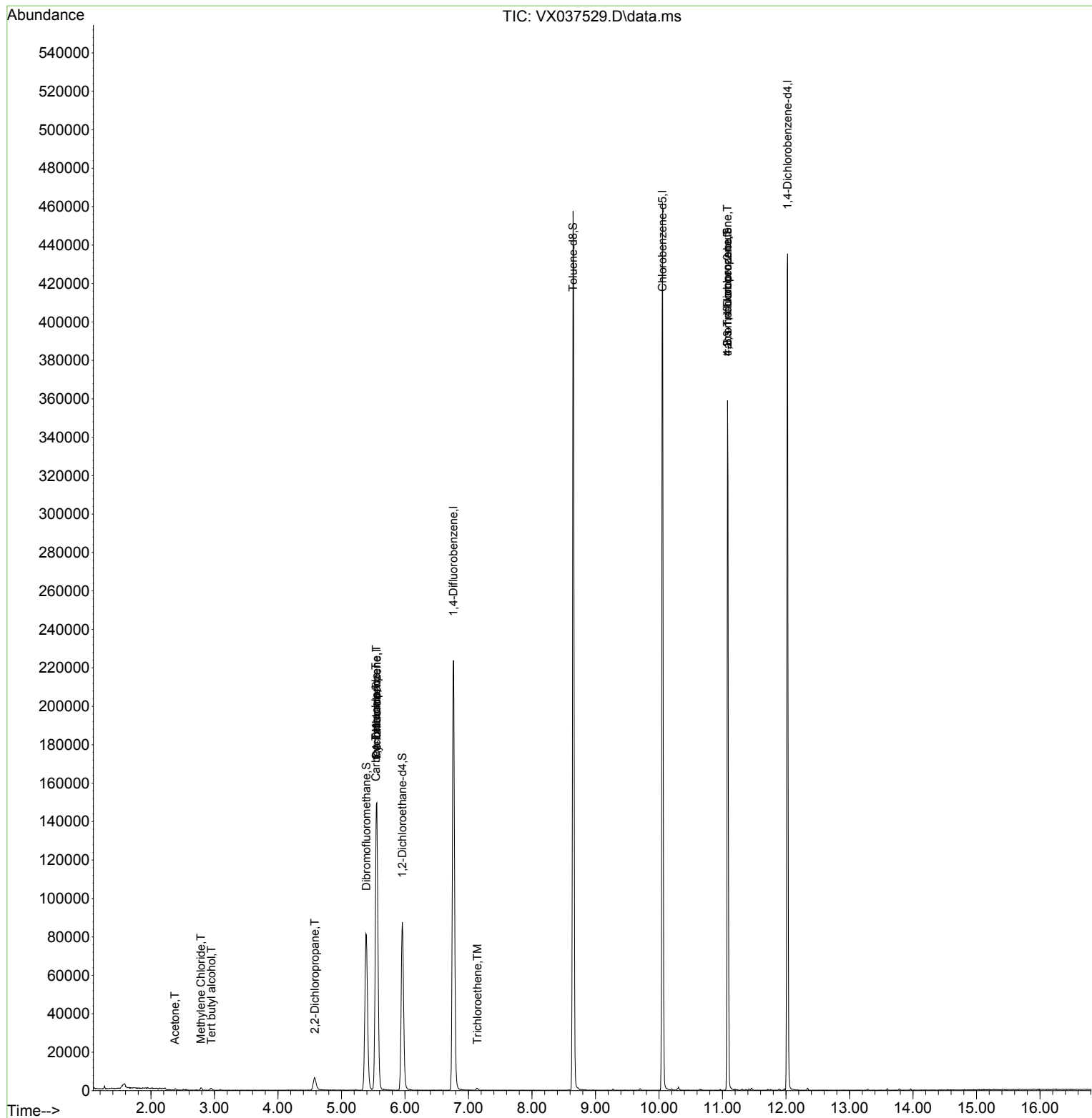
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 145057   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 241966   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 218288   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 95376    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 86163    | 41.202   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 82.400%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 74411    | 46.435   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 92.860%  |
| 50) Toluene-d8                | 8.647  | 98    | 284272   | 48.904   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 97.800%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 102008   | 44.655   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 89.320%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol        | 2.953  | 59    | 715      | 1.458    | ug/l # | 78       |
| 16) Acetone                   | 2.380  | 43    | 731      | 0.894    | ug/l   | 100      |
| 20) Methylene Chloride        | 2.788  | 84    | 770      | 0.421    | ug/l # | 78       |
| 26) 2,2-Dichloropropane       | 4.581  | 77    | 577      | 0.217    | ug/l # | 54       |
| 31) Cyclohexane               | 5.550  | 56    | 2587     | 1.100    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 11272    | 4.951    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 14858    | 6.008    | ug/l # | 15       |
| 44) Trichloroethene           | 7.141  | 130   | 553      | 0.299    | ug/l   | 62       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 49106    | 24.176   | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 49106    | 67.524   | ug/l # | 5        |
| -----                         |        |       |          |          |        |          |

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

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ClientSampleId :  
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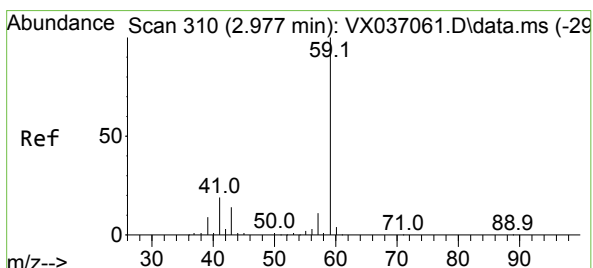
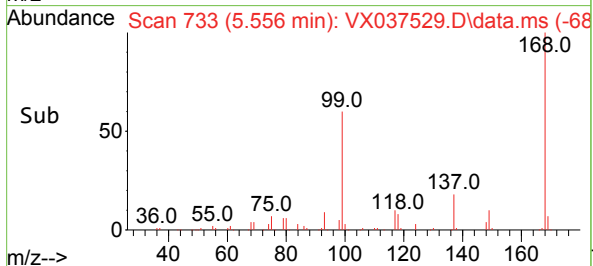
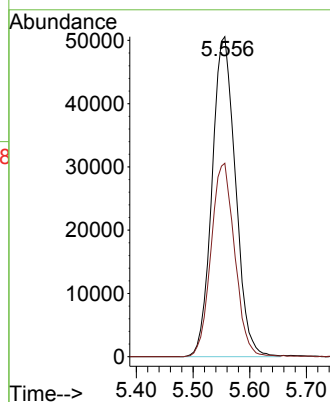
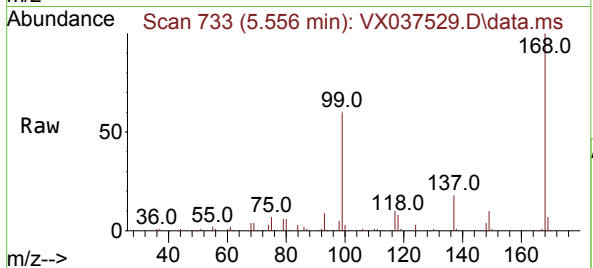




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

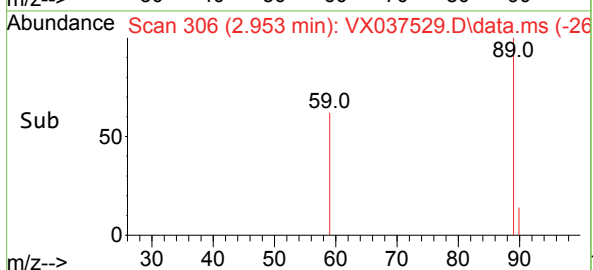
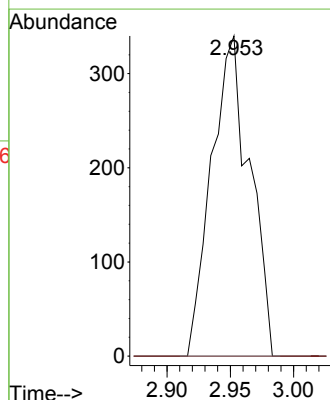
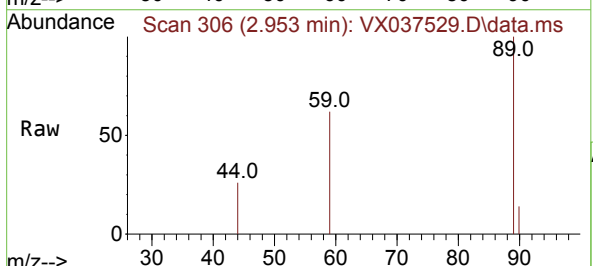
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0905WBL02

Tgt Ion:168 Resp: 145057  
Ion Ratio Lower Upper  
168 100  
99 60.5 56.6 85.0



#11  
Tert butyl alcohol  
Concen: 1.458 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.024 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

Tgt Ion: 59 Resp: 715  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#

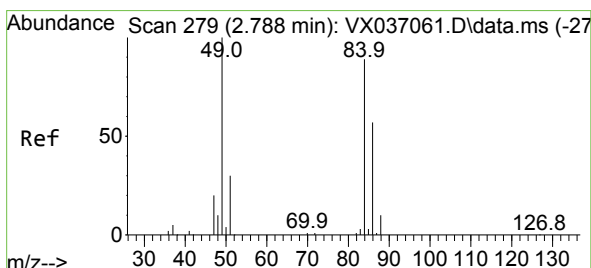
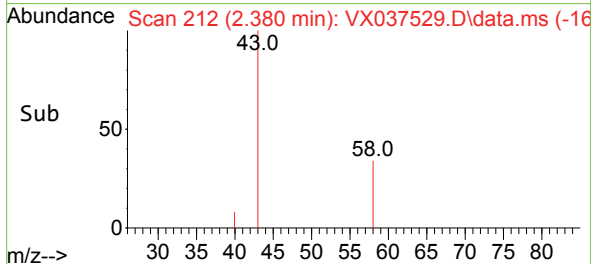
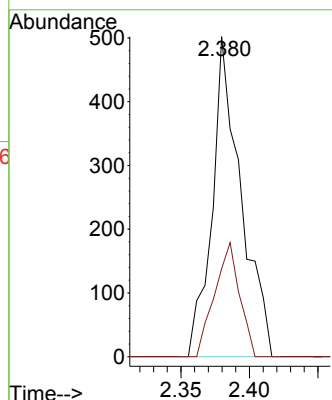
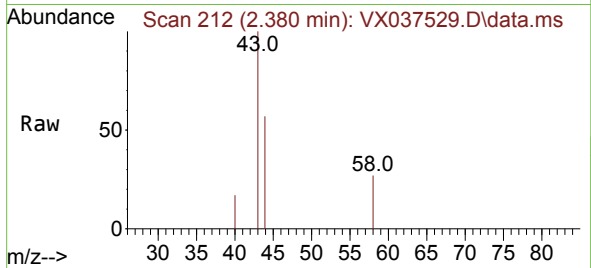




#16  
Acetone  
Concen: 0.894 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

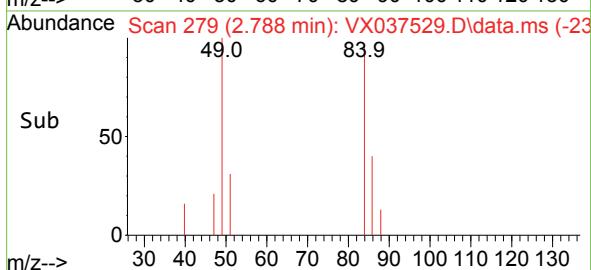
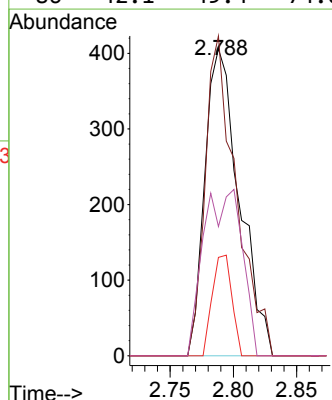
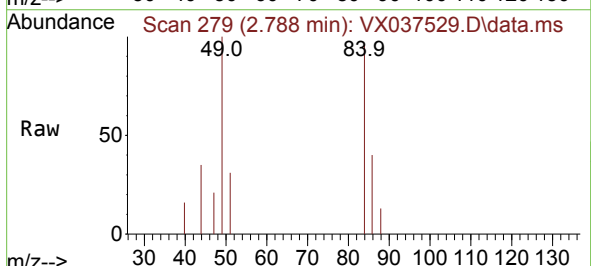
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0905WBL02

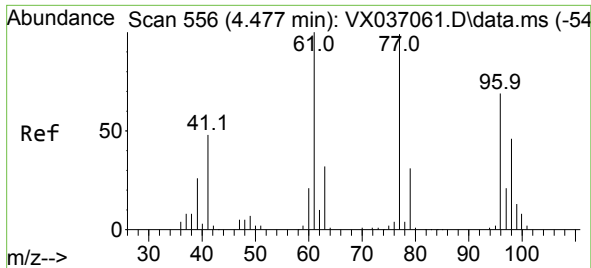
Tgt Ion: 43 Resp: 731  
Ion Ratio Lower Upper  
43 100  
58 27.5 21.9 32.9



#20  
Methylene Chloride  
Concen: 0.421 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

Tgt Ion: 84 Resp: 770  
Ion Ratio Lower Upper  
84 100  
49 104.2 103.6 155.4  
51 32.0 33.8 50.6#  
86 42.1 49.4 74.0#

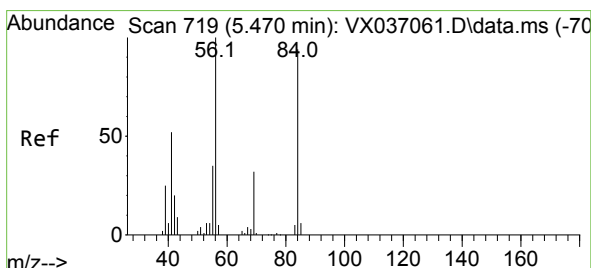
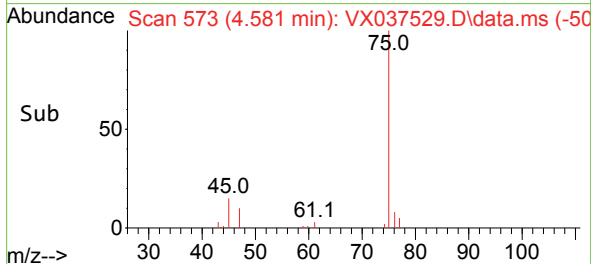
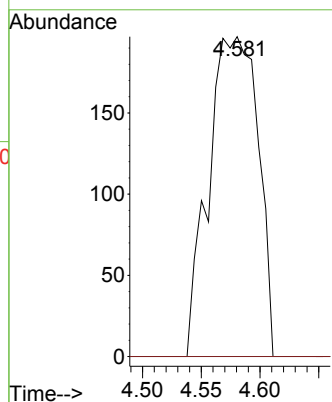
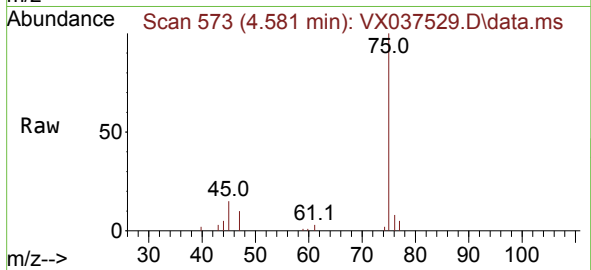




#26  
2,2-Dichloropropane  
Concen: 0.217 ug/l  
RT: 4.581 min Scan# 51  
Delta R.T. 0.104 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

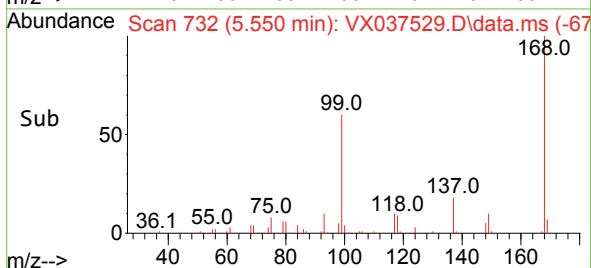
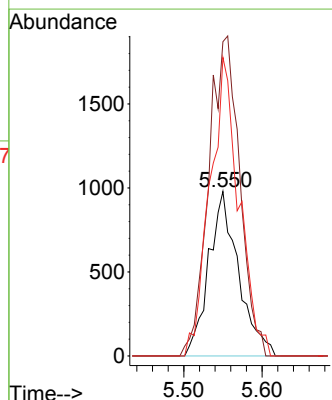
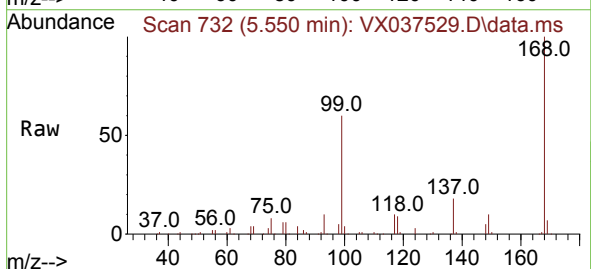
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0905WBL02

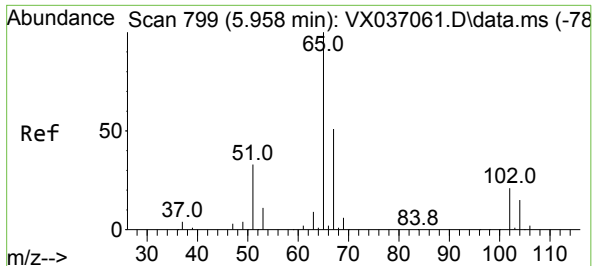
Tgt Ion: 77 Resp: 577  
Ion Ratio Lower Upper  
77 100  
97 0.0 10.8 32.3#



#31  
Cyclohexane  
Concen: 1.100 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.079 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

Tgt Ion: 56 Resp: 2587  
Ion Ratio Lower Upper  
56 100  
69 191.1 23.4 35.2#  
84 181.5 65.9 98.9#

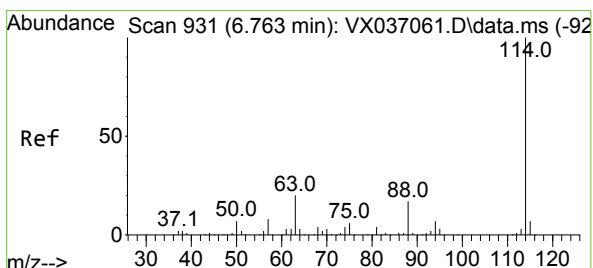
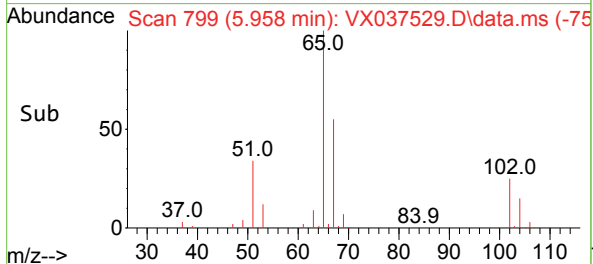
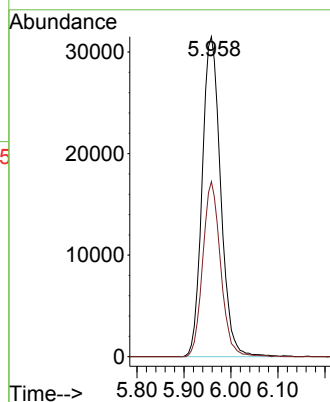
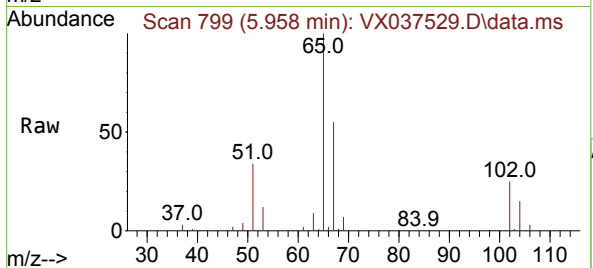




#33  
 1,2-Dichloroethane-d4  
 Concen: 41.202 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX037529.D  
 Acq: 06 Sep 2023 03:36

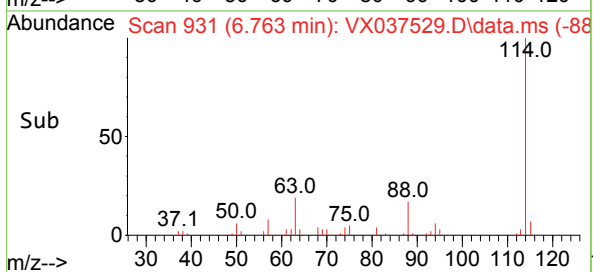
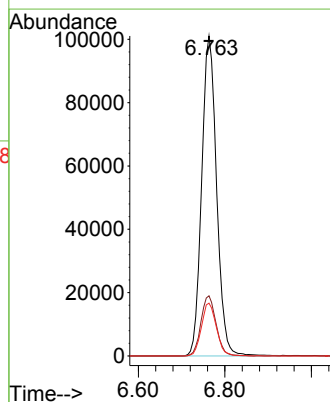
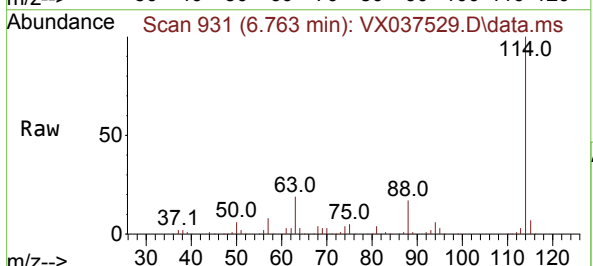
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0905WBL02

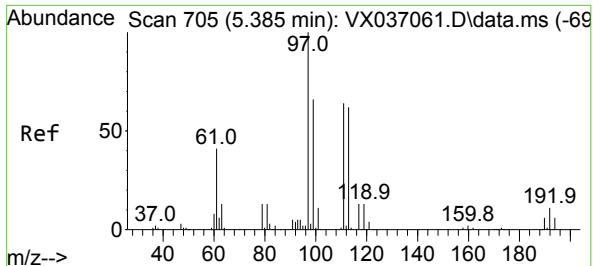
Tgt Ion: 65 Resp: 86163  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX037529.D  
 Acq: 06 Sep 2023 03:36

Tgt Ion: 114 Resp: 241966  
 Ion Ratio Lower Upper  
 114 100  
 63 18.8 0.0 45.0  
 88 16.5 0.0 36.6

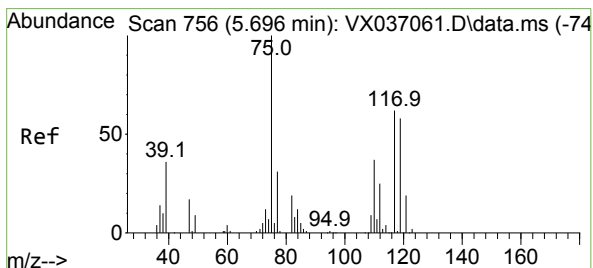
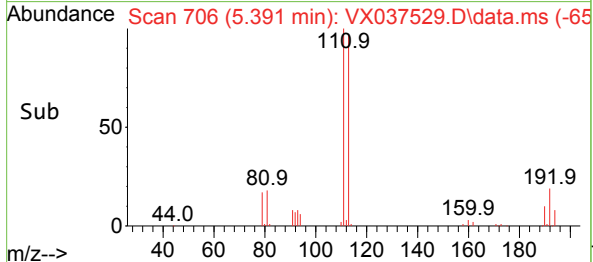
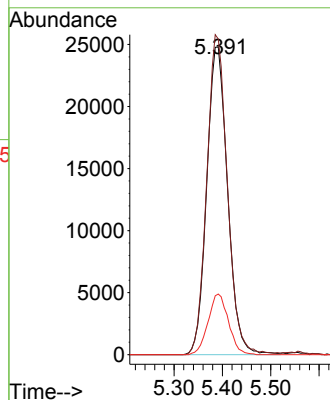
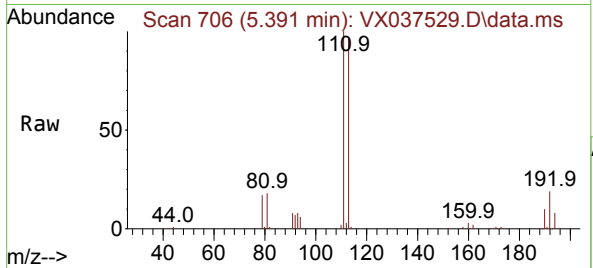




#35  
Dibromofluoromethane  
Concen: 46.435 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

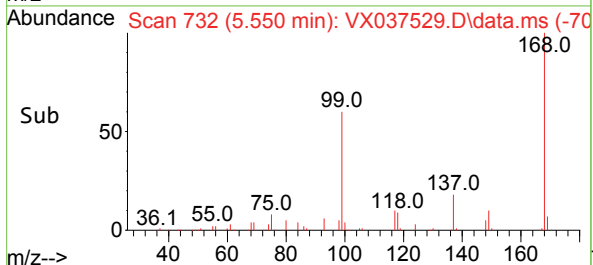
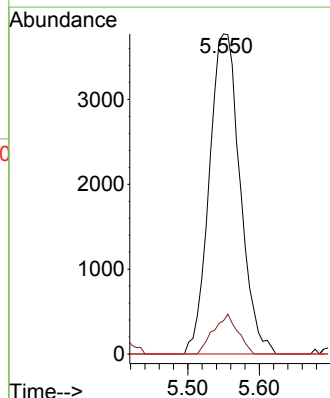
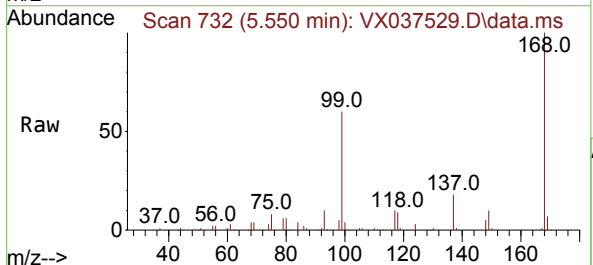
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0905WBL02

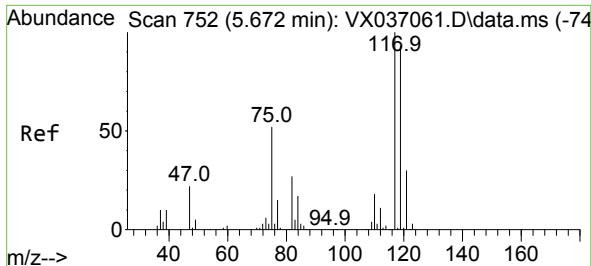
Tgt Ion:113 Resp: 74411  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.9 124.3  
192 19.3 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 4.951 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.146 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

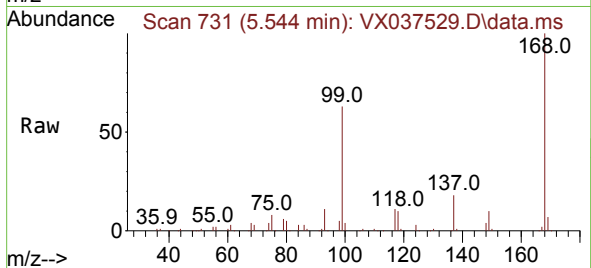
Tgt Ion: 75 Resp: 11272  
Ion Ratio Lower Upper  
75 100  
110 9.9 17.0 50.9#  
77 0.0 24.7 37.1#



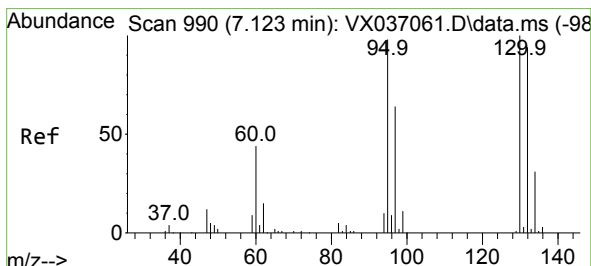
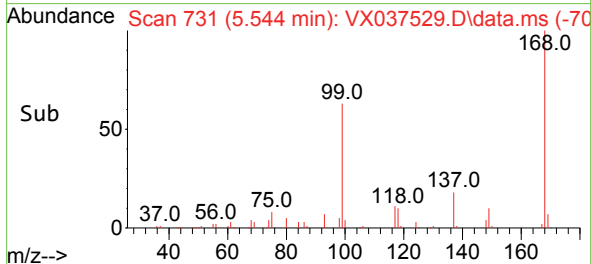
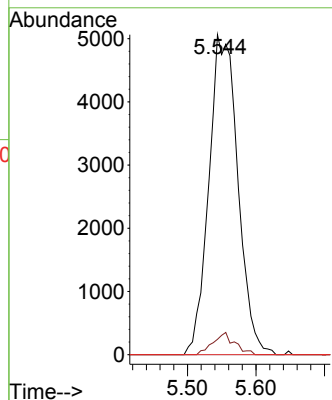


#38  
Carbon Tetrachloride  
Concen: 6.008 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0905WBL02

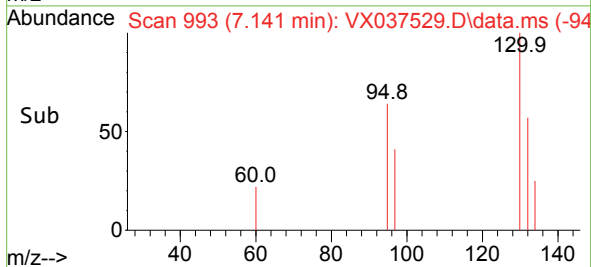
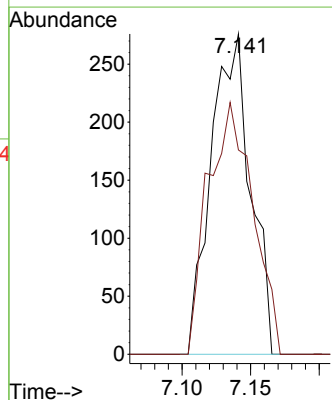
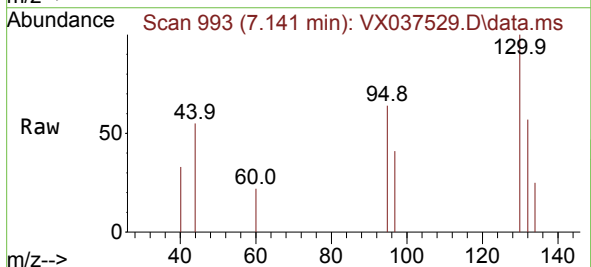


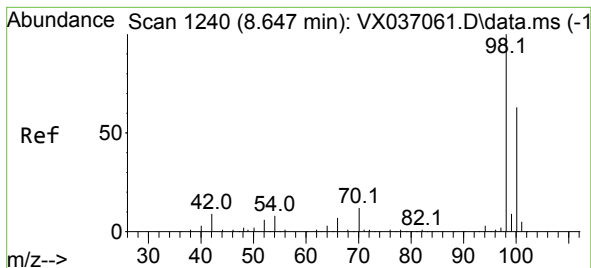
Tgt Ion:117 Resp: 14858  
Ion Ratio Lower Upper  
117 100  
119 4.8 78.2 117.2#  
121 0.0 24.4 36.6#



#44  
Trichloroethene  
Concen: 0.299 ug/l  
RT: 7.141 min Scan# 993  
Delta R.T. 0.018 min  
Lab File: VX037529.D  
Acq: 06 Sep 2023 03:36

Tgt Ion:130 Resp: 553  
Ion Ratio Lower Upper  
130 100  
95 63.8 0.0 204.4





#50

Toluene-d8

Concen: 48.904 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037529.D

Acq: 06 Sep 2023 03:36

Instrument :

MSVOA\_X

ClientSampleId :

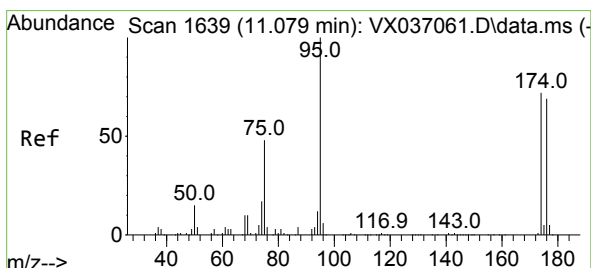
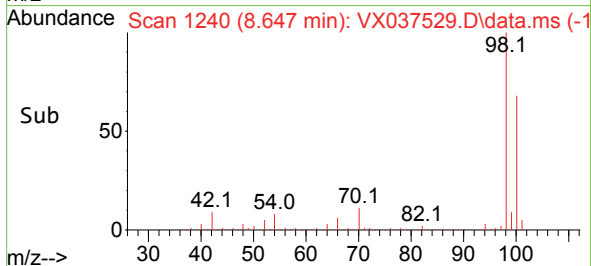
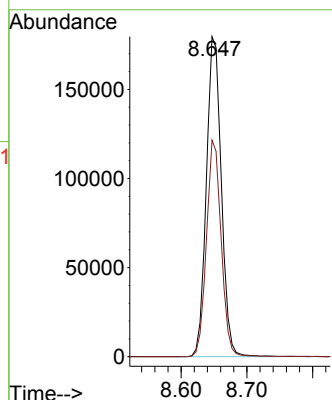
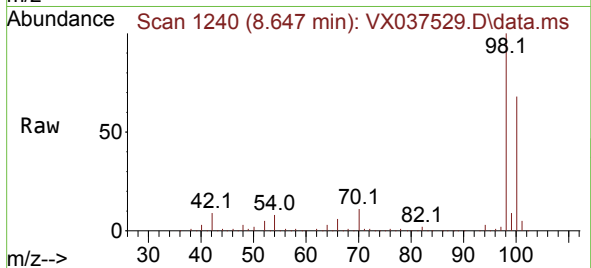
VX0905WBL02

Tgt Ion: 98 Resp: 284272

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.655 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037529.D

Acq: 06 Sep 2023 03:36

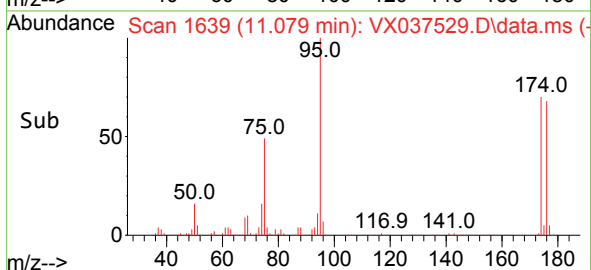
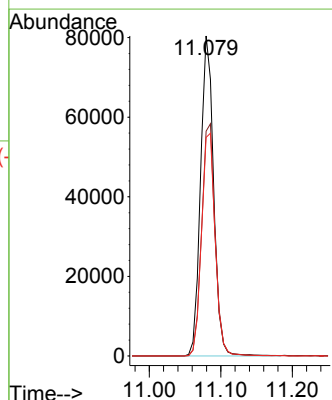
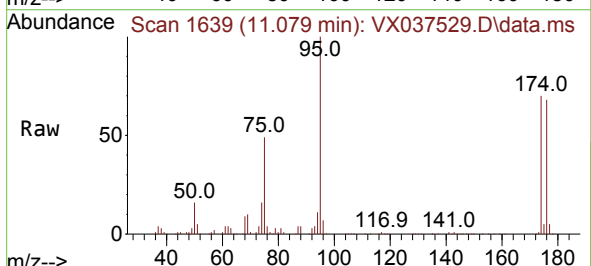
Tgt Ion: 95 Resp: 102008

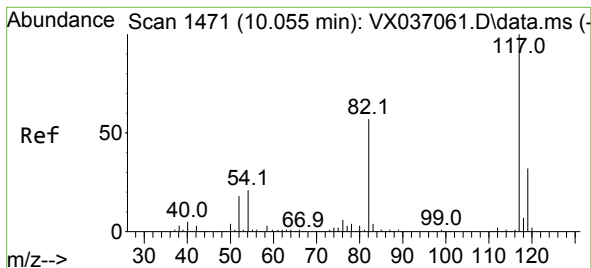
Ion Ratio Lower Upper

95 100

174 74.5 0.0 135.6

176 72.8 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: VX037529.D

Acq: 06 Sep 2023 03:36

Instrument :

MSVOA\_X

ClientSampleId :

VX0905WBL02

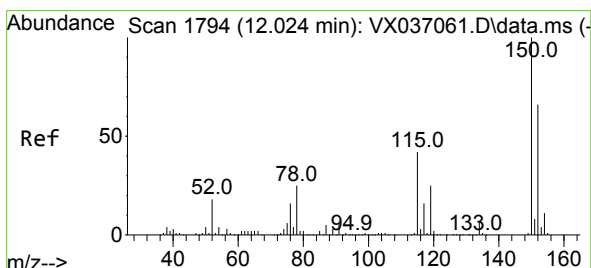
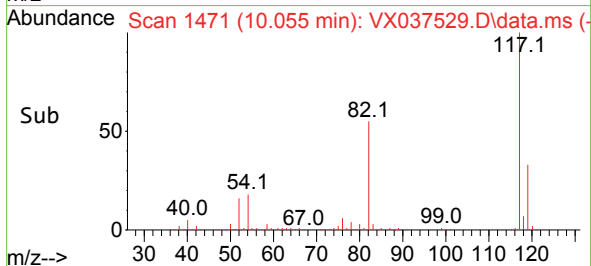
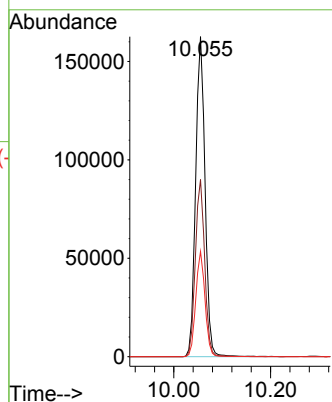
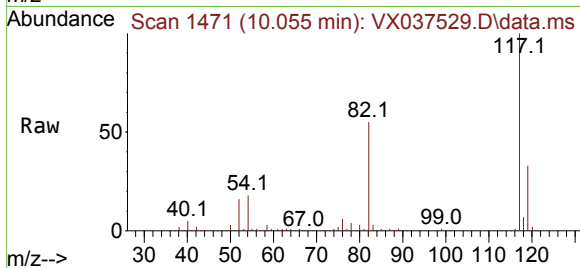
Tgt Ion:117 Resp: 218288

Ion Ratio Lower Upper

117 100

82 55.4 46.2 69.4

119 32.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037529.D

Acq: 06 Sep 2023 03:36

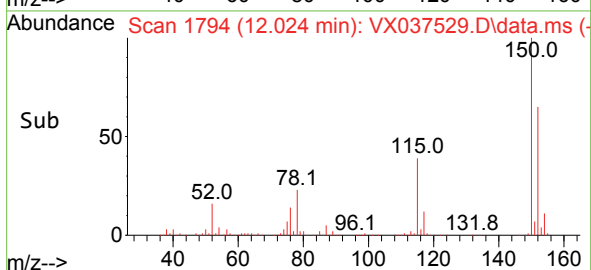
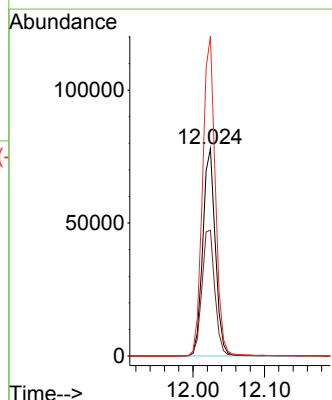
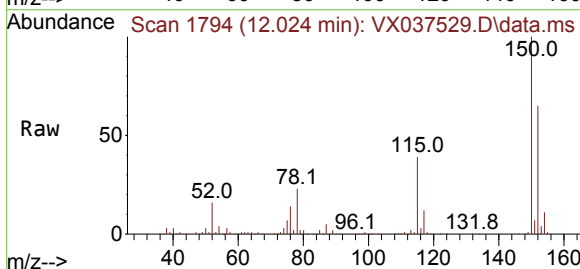
Tgt Ion:152 Resp: 95376

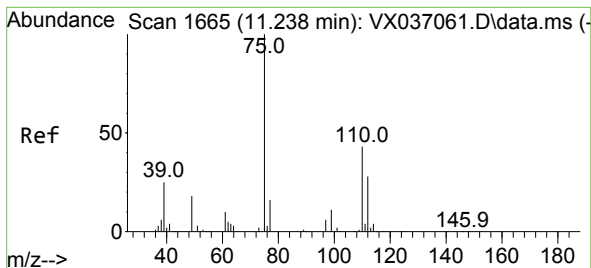
Ion Ratio Lower Upper

152 100

115 62.4 43.3 129.9

150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.176 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037529.D

Acq: 06 Sep 2023 03:36

Instrument :

MSVOA\_X

ClientSampleId :

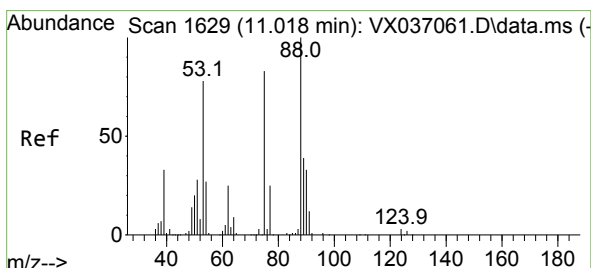
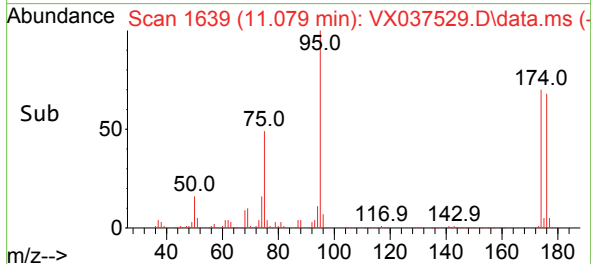
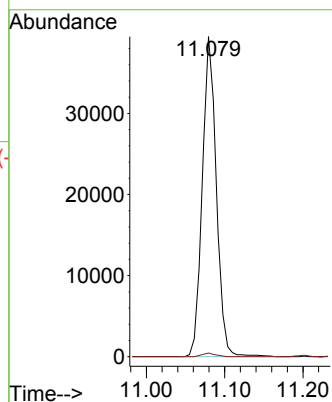
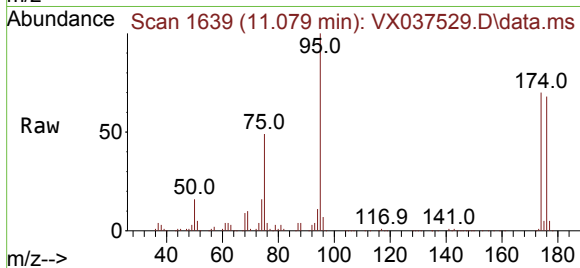
VX0905WBL02

Tgt Ion: 75 Resp: 49106

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.524 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037529.D

Acq: 06 Sep 2023 03:36

Tgt Ion: 75 Resp: 49106

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

