

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052622\  
 Data File : VX029001.D  
 Acq On : 26 May 2022 16:02  
 Operator : JC/MD  
 Sample : N3066-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 27 07:34:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

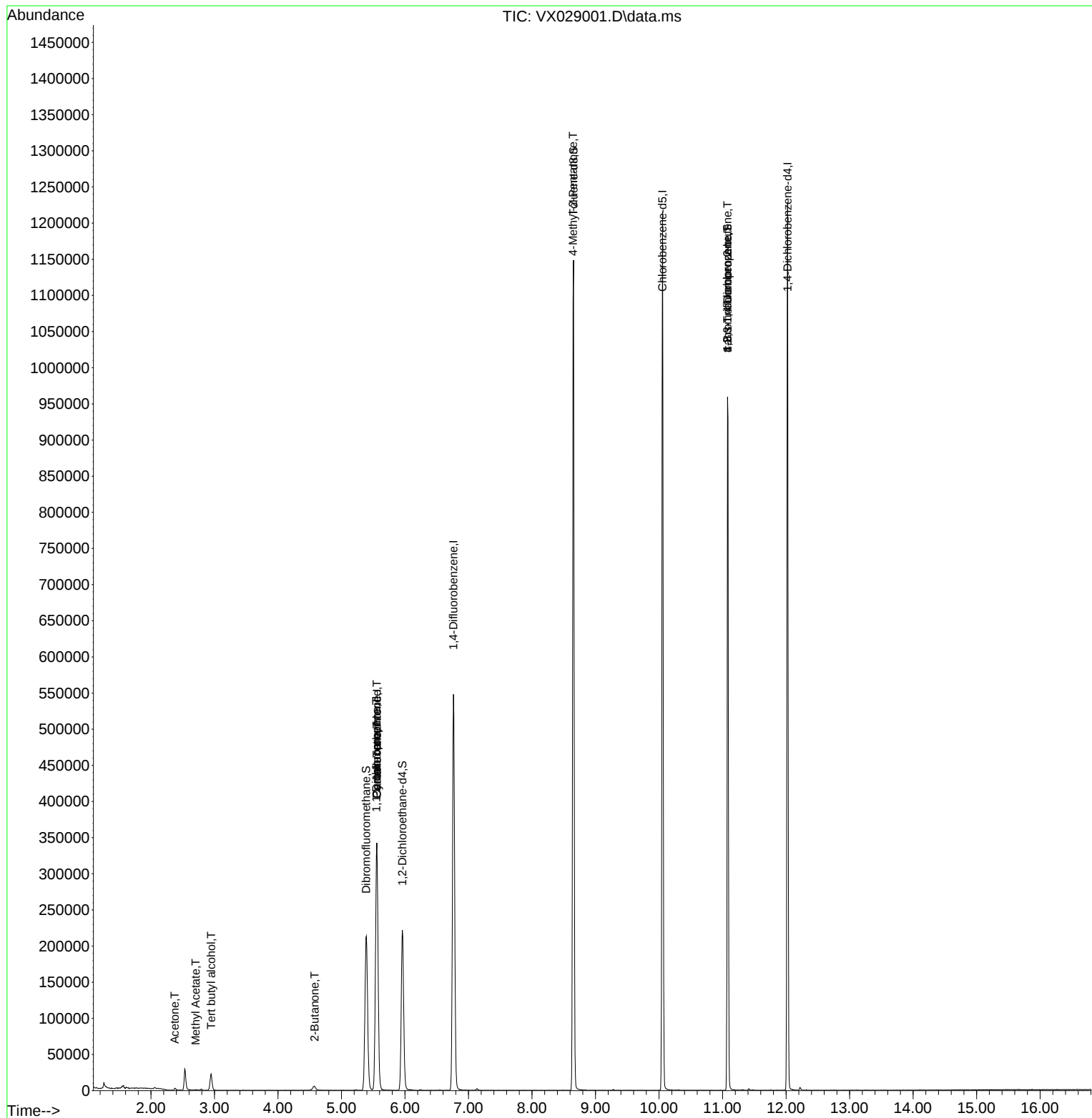
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 323416   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 575856   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 550939   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 257289   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 217552   | 49.072    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery  | =      | 98.140%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 190948   | 50.610    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery  | =      | 101.220% |
| 50) Toluene-d8                | 8.653  | 98    | 687698   | 48.346    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery  | =      | 96.700%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 267606   | 50.368    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery  | =      | 100.740% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 5) Bromomethane               | 1.618  | 94    | 982      | Below Cal | #      | 79       |
| 6) Chloroethane               | 1.703  | 64    | 208      | Below Cal | #      | 43       |
| 11) Tert butyl alcohol        | 2.947  | 59    | 12857    | 5.874     | ug/l # | 75       |
| 16) Acetone                   | 2.374  | 43    | 3083     | 1.620     | ug/l   | 91       |
| 18) Methyl Acetate            | 2.703  | 43    | 999      | 0.210     | ug/l # | 62       |
| 25) 2-Butanone                | 4.574  | 43    | 690      | 0.231     | ug/l # | 44       |
| 31) Cyclohexane               | 5.556  | 56    | 6281     | 1.021     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 24416    | 4.309     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 32950    | 5.778     | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 2717     | 0.445     | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 132208   | 21.942    | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 132208   | 64.260    | ug/l # | 15       |
| -----                         |        |       |          |           |        |          |

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: May 27 07:34:28 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

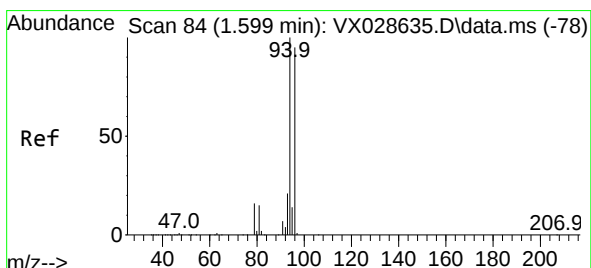
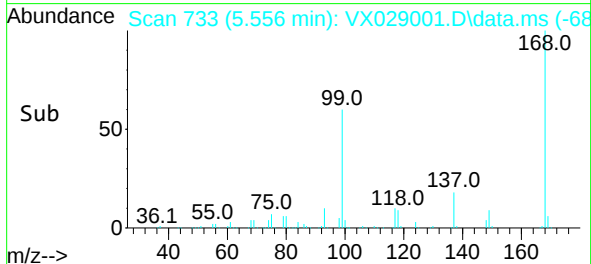
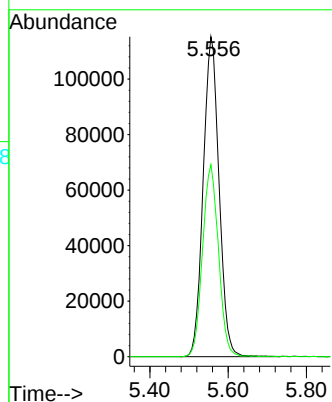
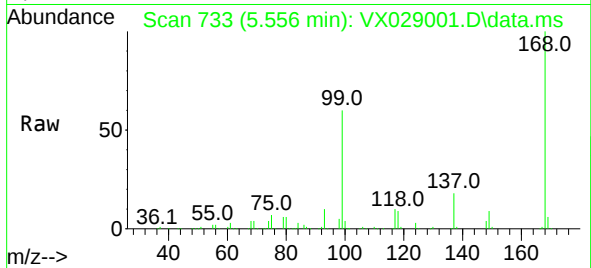




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

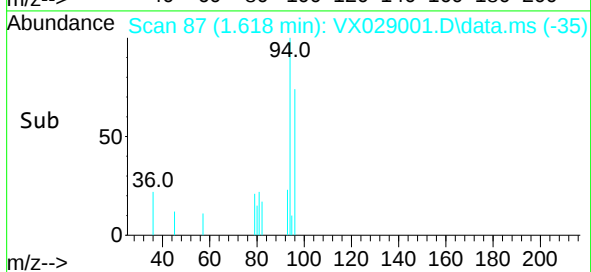
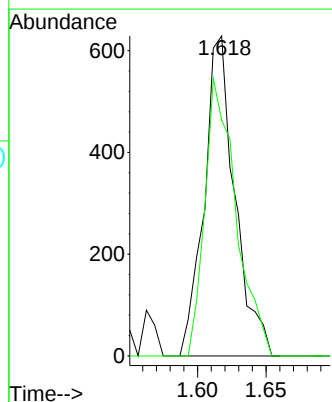
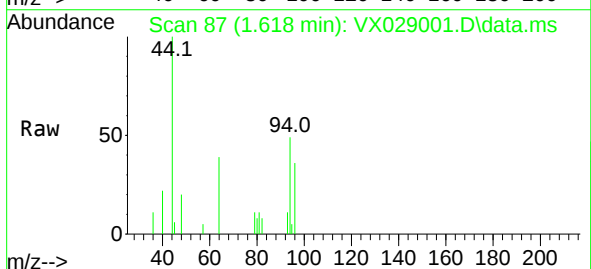
Instrument :  
MSVOA\_X  
ClientSampleId :

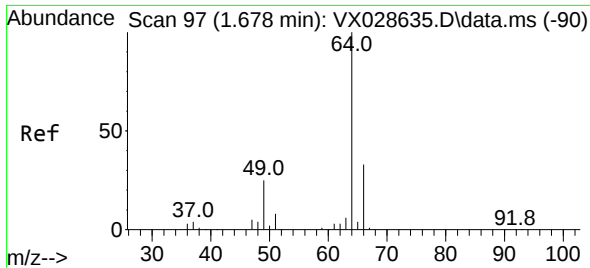
Tgt Ion:168 Resp: 323416  
Ion Ratio Lower Upper  
168 100  
99 60.0 41.7 62.5



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.618 min Scan# 87  
Delta R.T. 0.019 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

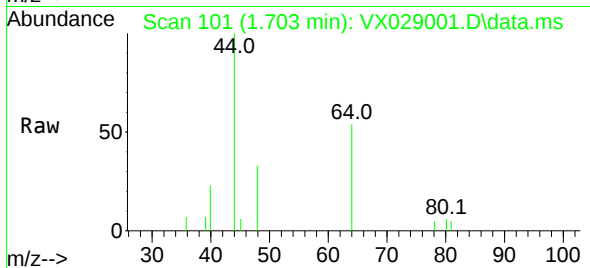
Tgt Ion: 94 Resp: 982  
Ion Ratio Lower Upper  
94 100  
96 73.8 75.3 112.9#



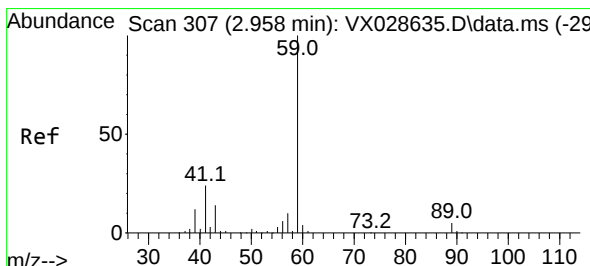
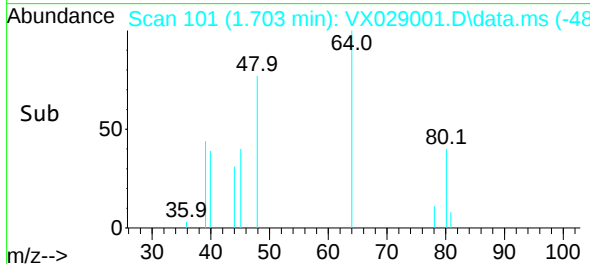
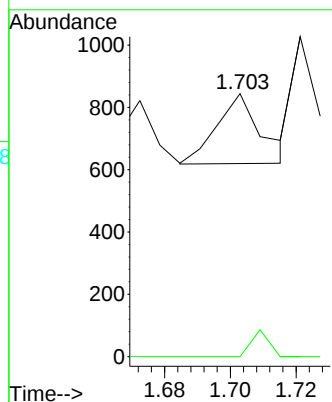


#6  
Chloroethane  
Concen: Below Cal  
RT: 1.703 min Scan# 101  
Delta R.T. 0.025 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :

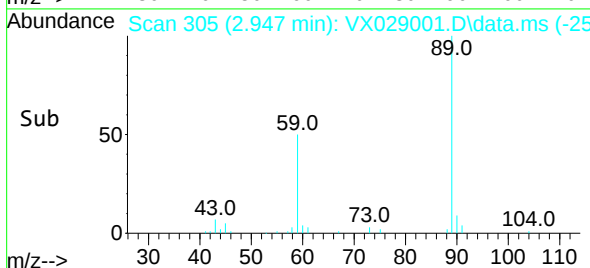
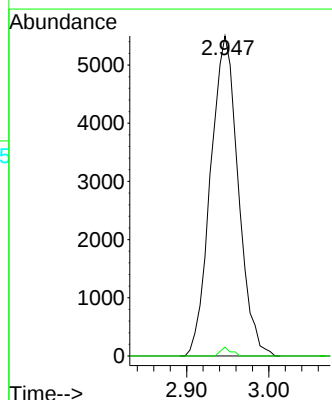
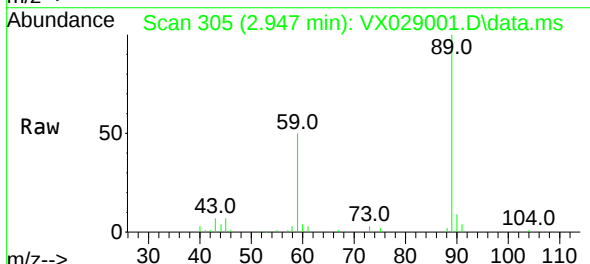


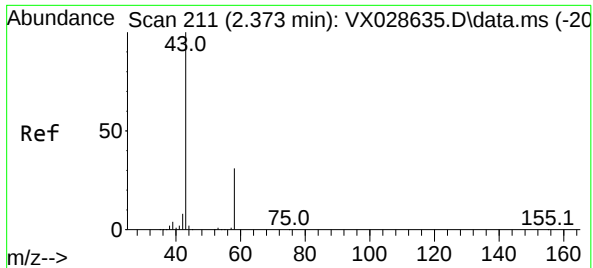
Tgt Ion: 64 Resp: 208  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.3 37.9#



#11  
Tert butyl alcohol  
Concen: 5.874 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. -0.011 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Tgt Ion: 59 Resp: 12857  
Ion Ratio Lower Upper  
59 100  
57 1.1 8.3 12.5#

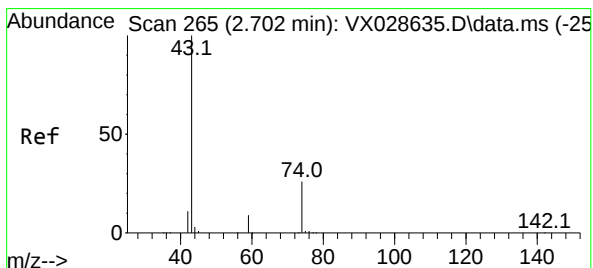
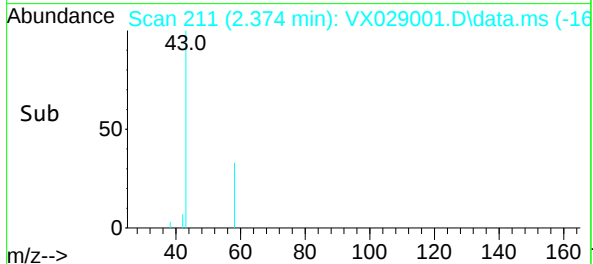
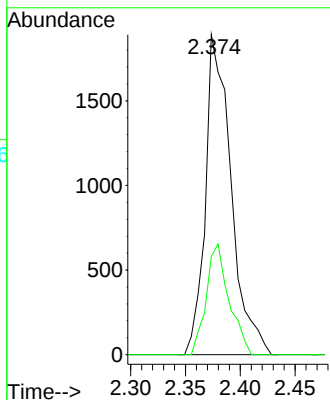
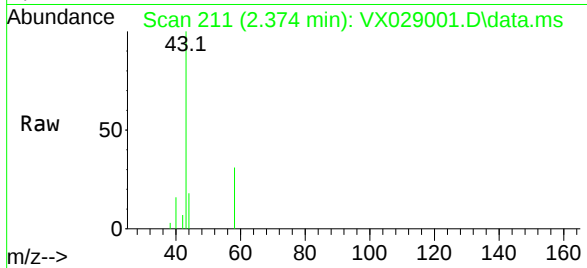




#16  
Acetone  
Concen: 1.620 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.001 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

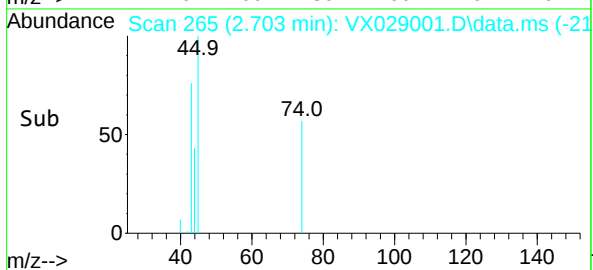
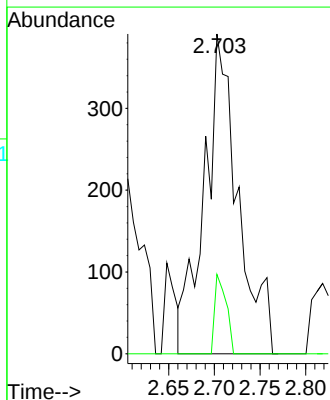
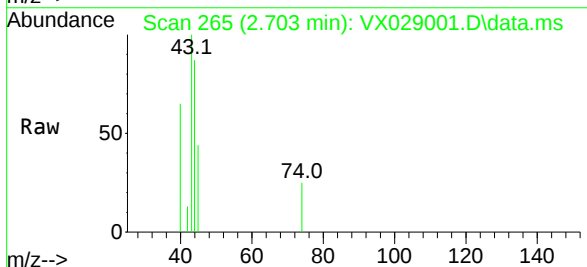
Instrument :  
MSVOA\_X  
ClientSampleId :

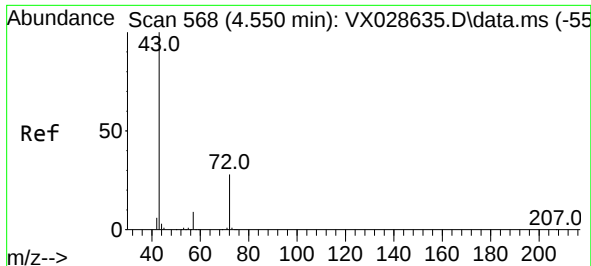
Tgt Ion: 43 Resp: 3083  
Ion Ratio Lower Upper  
43 100  
58 30.7 28.8 43.2



#18  
Methyl Acetate  
Concen: 0.210 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.001 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Tgt Ion: 43 Resp: 999  
Ion Ratio Lower Upper  
43 100  
74 8.4 22.8 34.2#

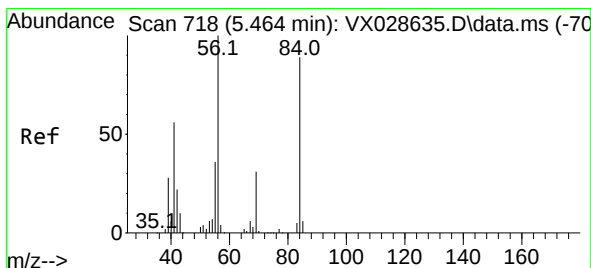
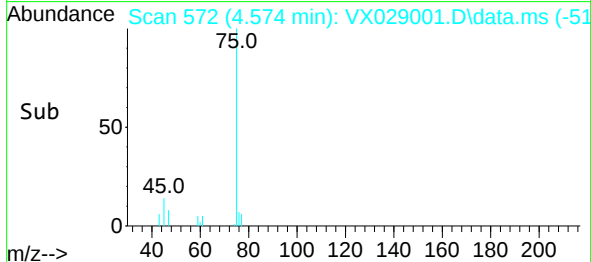
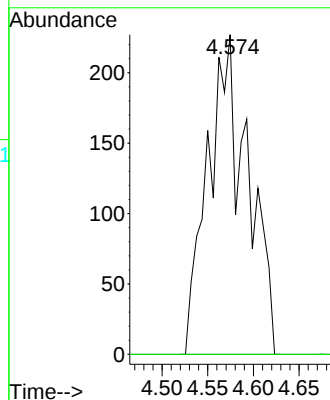
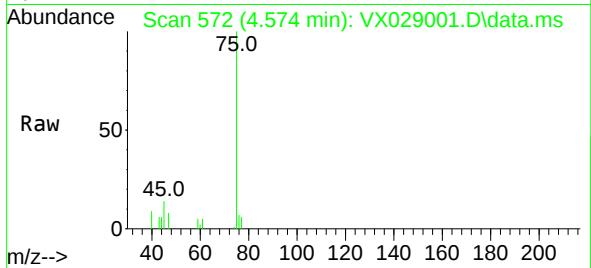




#25  
2-Butanone  
Concen: 0.231 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.024 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

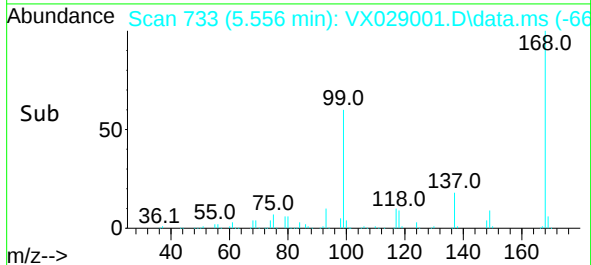
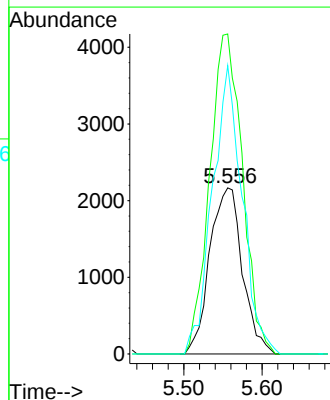
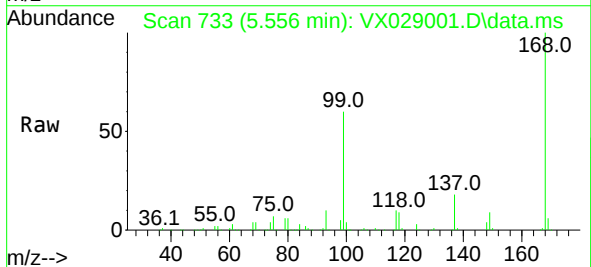
Instrument :  
MSVOA\_X  
ClientSampleId :

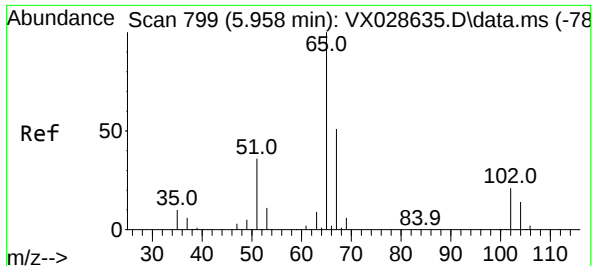
Tgt Ion: 43 Resp: 690  
Ion Ratio Lower Upper  
43 100  
72 0.0 24.4 36.6#



#31  
Cyclohexane  
Concen: 1.021 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.092 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Tgt Ion: 56 Resp: 6281  
Ion Ratio Lower Upper  
56 100  
69 192.6 26.7 40.1#  
84 173.5 77.2 115.8#

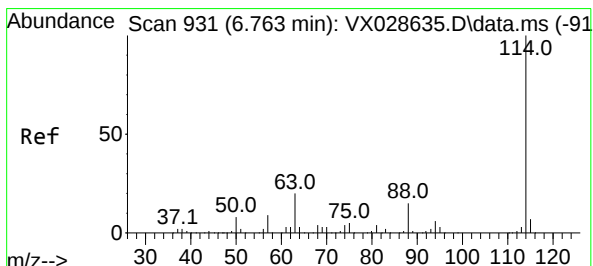
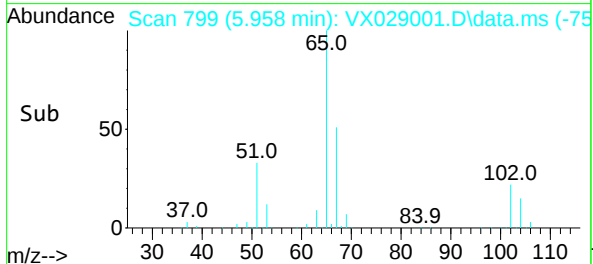
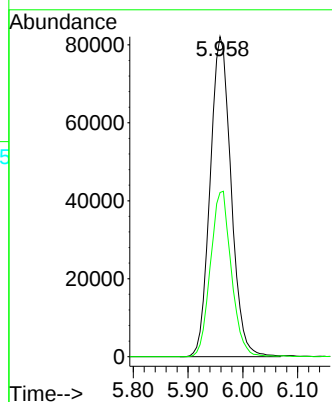
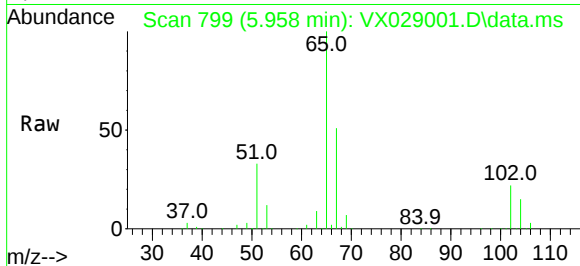




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.072 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX029001.D  
 Acq: 26 May 2022 16:02

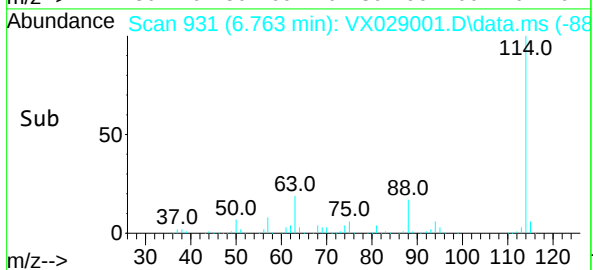
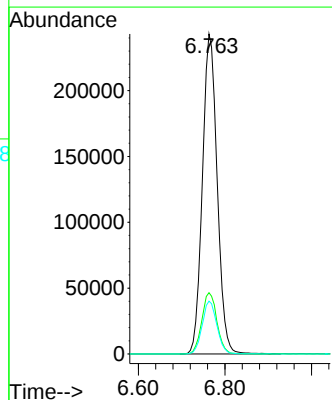
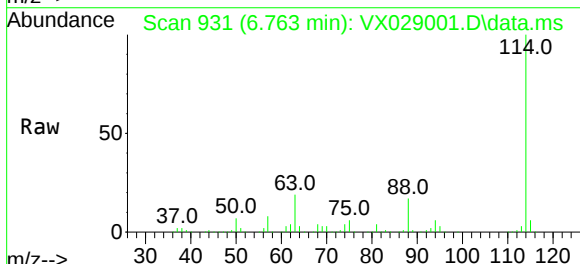
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 MSVOA\_X  
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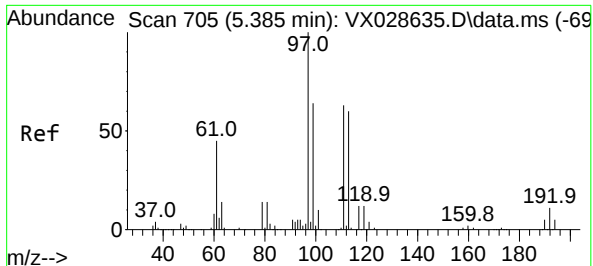
Tgt Ion: 65 Resp: 217552  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX029001.D  
 Acq: 26 May 2022 16:02

Tgt Ion: 114 Resp: 575856  
 Ion Ratio Lower Upper  
 114 100  
 63 19.2 0.0 36.8  
 88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.610 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

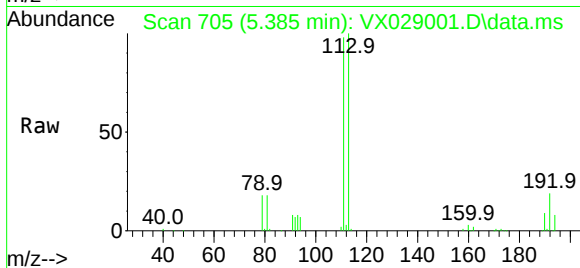
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Acq: 26 May 2022 16:02

Instrument :

MSVOA\_X

ClientSampleId :



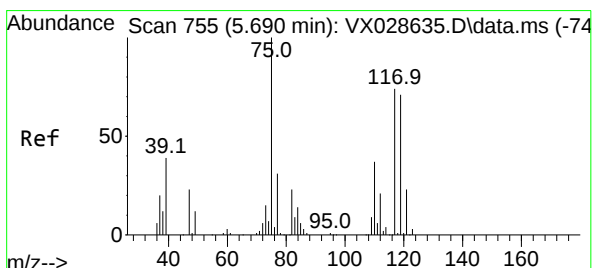
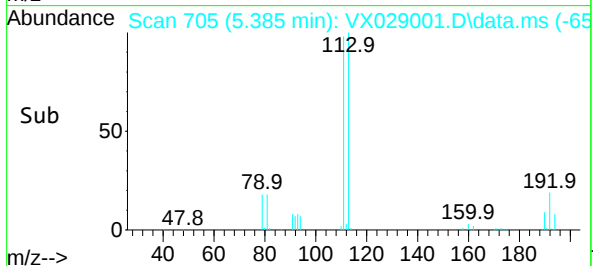
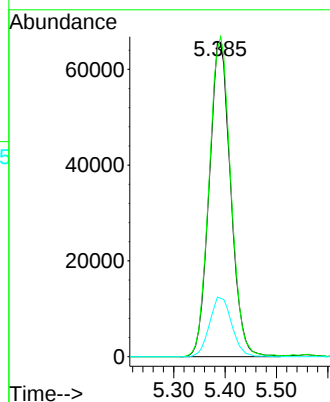
Tgt Ion:113 Resp: 190948

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 19.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.309 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX029001.D

Acq: 26 May 2022 16:02

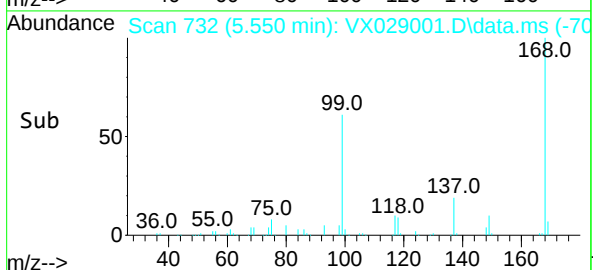
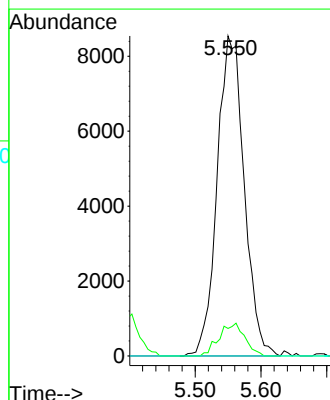
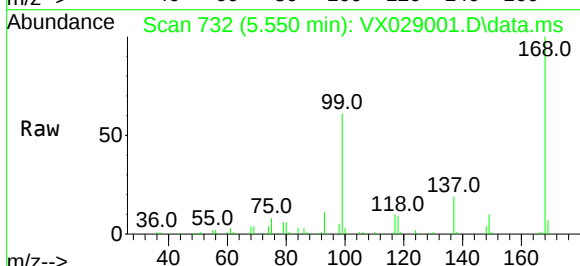
Tgt Ion: 75 Resp: 24416

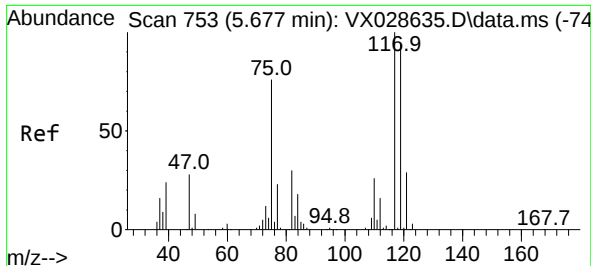
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

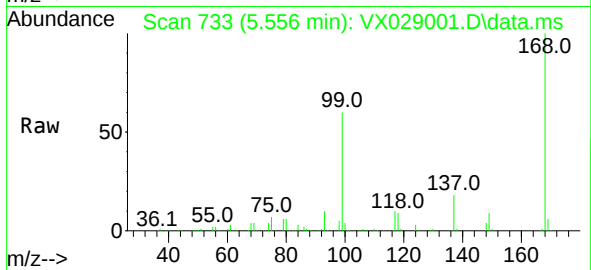
77 0.0 24.8 37.2#



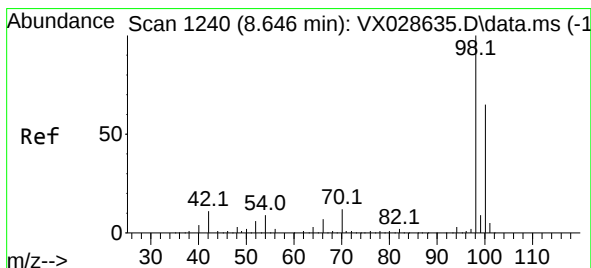
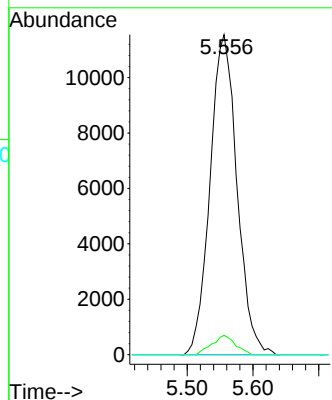
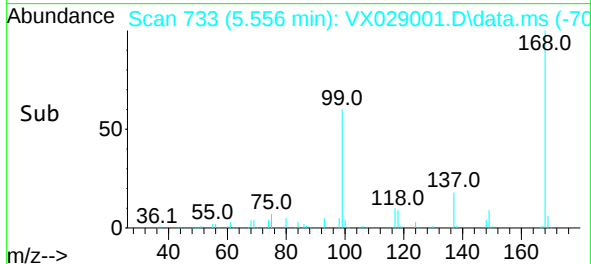


#38  
Carbon Tetrachloride  
Concen: 5.778 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.121 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :

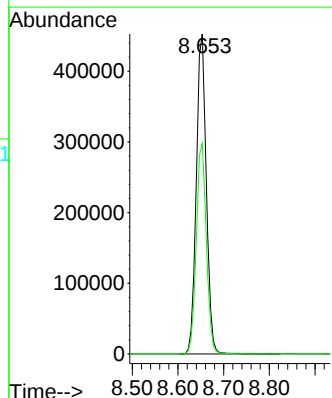
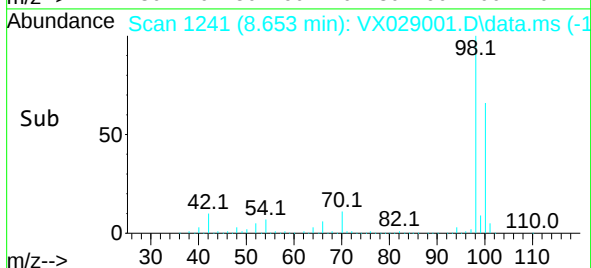
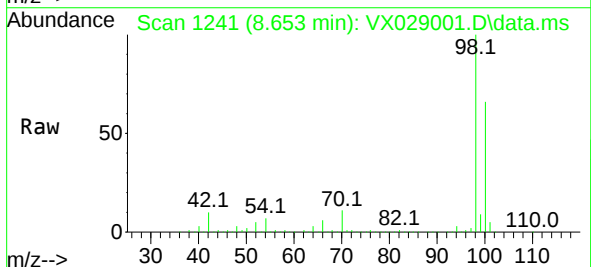


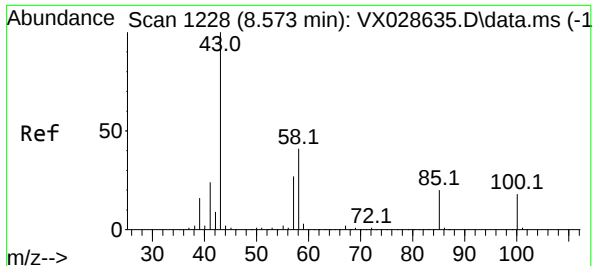
Tgt Ion:117 Resp: 32950  
Ion Ratio Lower Upper  
117 100  
119 6.1 77.3 115.9#  
121 0.0 24.2 36.2#



#50  
Toluene-d8  
Concen: 48.346 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.007 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Tgt Ion: 98 Resp: 687698  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.6 78.8

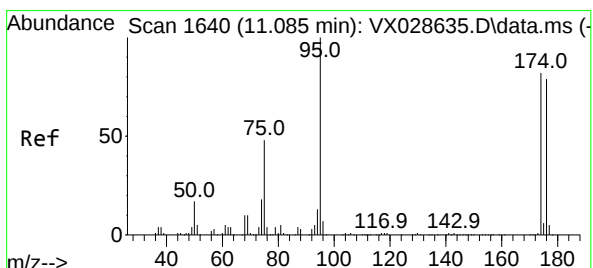
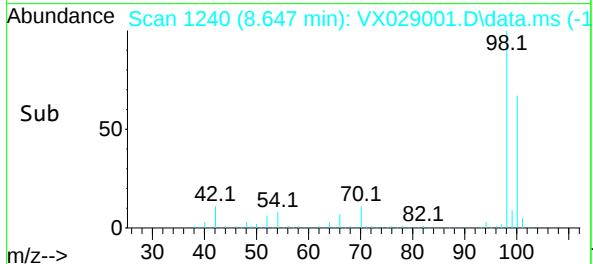
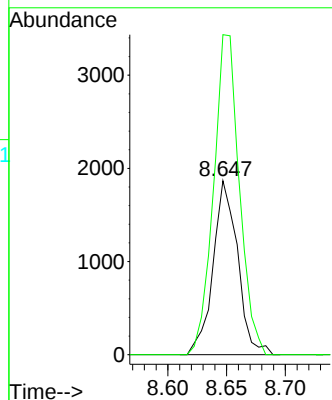
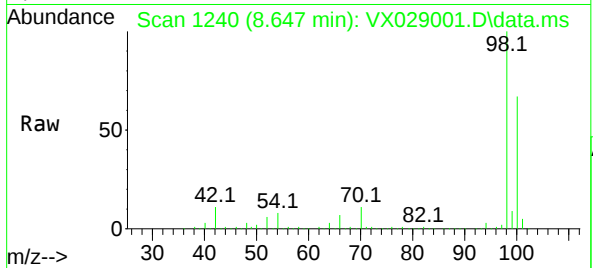




#51  
4-Methyl-2-Pentanone  
Concen: 0.445 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.074 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

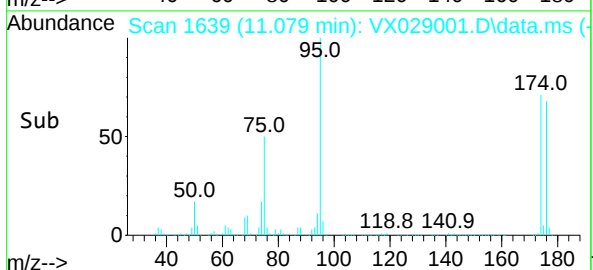
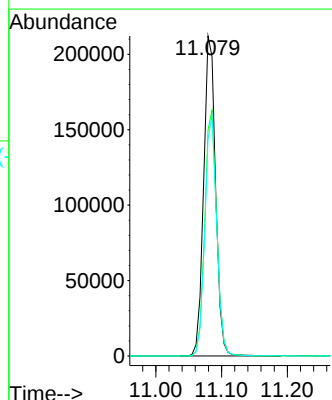
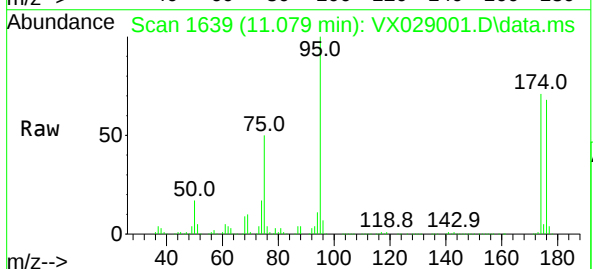
Instrument :  
MSVOA\_X  
ClientSampleId :

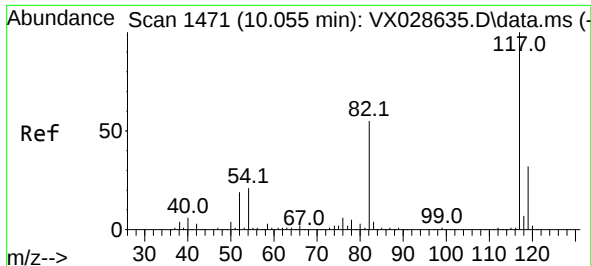
Tgt Ion: 43 Resp: 2717  
Ion Ratio Lower Upper  
43 100  
58 193.3 36.1 54.1#



#62  
4-Bromofluorobenzene  
Concen: 50.368 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Tgt Ion: 95 Resp: 267606  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 163.0  
176 74.5 0.0 155.0

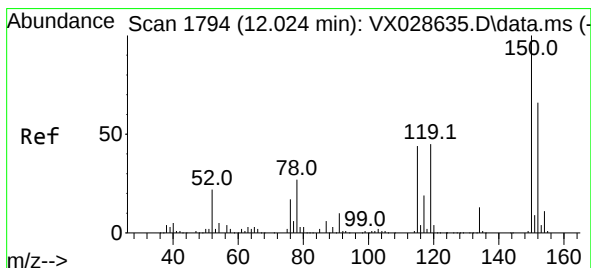
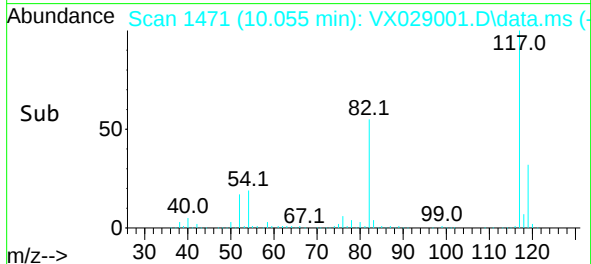
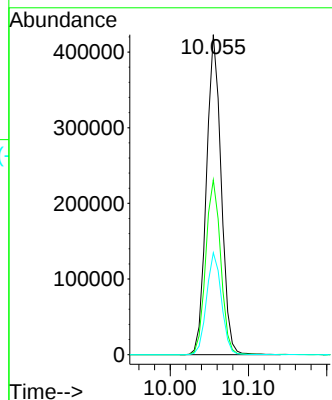
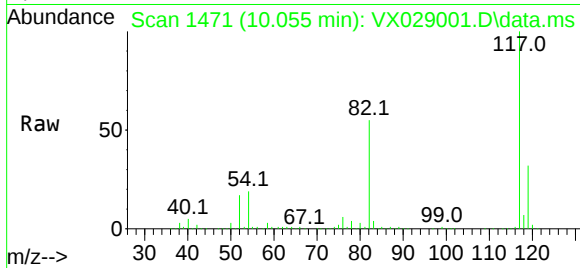




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

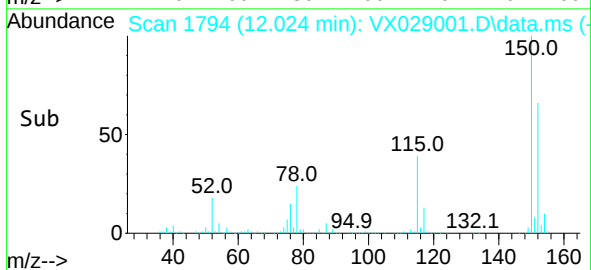
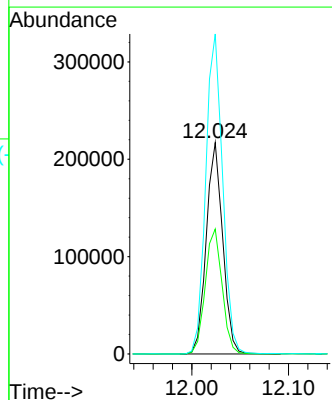
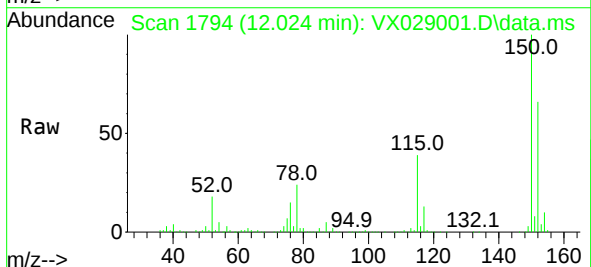
Instrument :  
MSVOA\_X  
ClientSampleId :

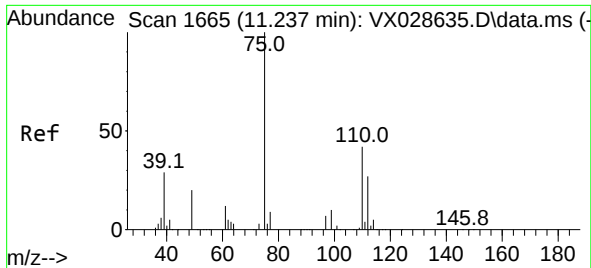
Tgt Ion:117 Resp: 550939  
Ion Ratio Lower Upper  
117 100  
82 54.6 41.8 62.8  
119 31.9 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Tgt Ion:152 Resp: 257289  
Ion Ratio Lower Upper  
152 100  
115 60.7 37.5 112.7  
150 155.4 0.0 338.2

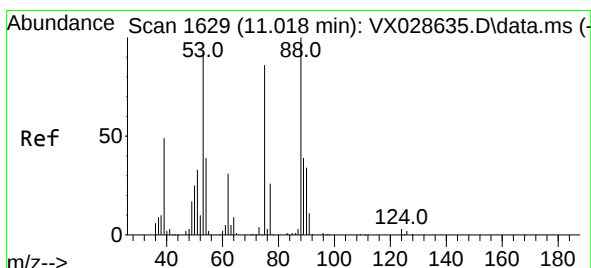
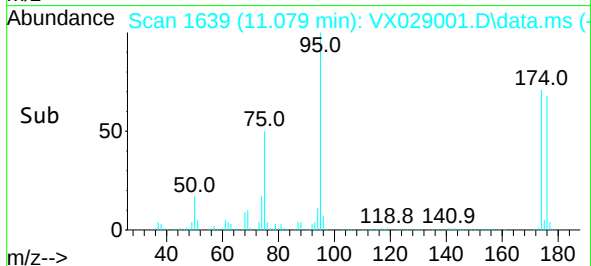
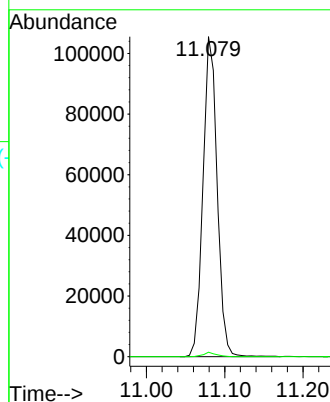
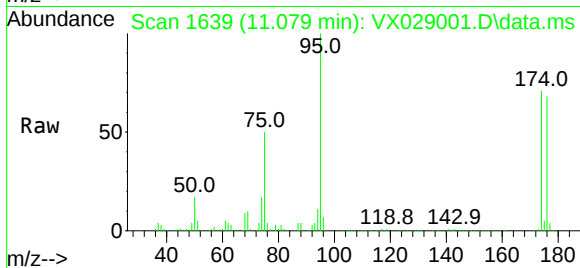




#76  
1,2,3-Trichloropropane  
Concen: 21.942 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 132208  
Ion Ratio Lower Upper  
75 100  
77 1.3 19.4 58.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.260 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX029001.D  
Acq: 26 May 2022 16:02

Tgt Ion: 75 Resp: 132208  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#

