

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010623\  
 Data File : VX033639.D  
 Acq On : 06 Jan 2023 18:30  
 Operator : JC/MD  
 Sample : 01042-02 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WESTEND-SILICA-B

Quant Time: Jan 07 04:28:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 05 04:43:25 2023  
 Response via : Initial Calibration

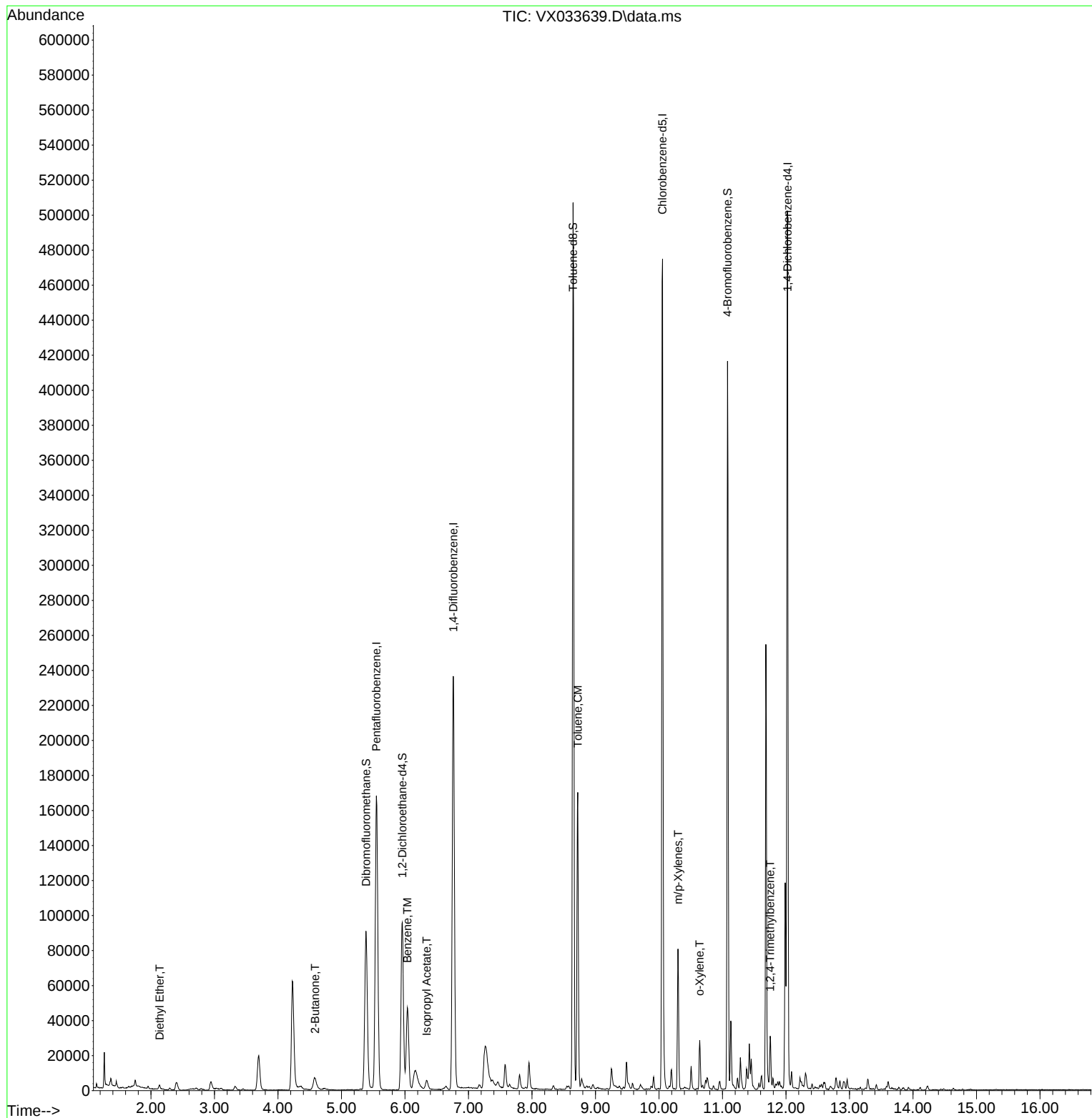
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 171059     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 251238     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 223564     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 110658     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 94361      | 48.865   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 97.740%  |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 77928      | 47.190   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.380%  |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 289471     | 49.043   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 98.080%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 105557     | 50.454   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 100.900% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        | Qvalue   |
| 8) Diethyl Ether            | 2.136          | 74   | 789        | 1.151    | ug/l # | 41       |
| 25) 2-Butanone              | 4.587          | 43   | 6675       | 5.294    | ug/l # | 84       |
| 40) Benzene                 | 6.038          | 78   | 57735      | 8.831    | ug/l   | 99       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 7316       | 1.913    | ug/l # | 94       |
| 52) Toluene                 | 8.720          | 92   | 64936      | 15.107   | ug/l   | 99       |
| 68) m/p-Xylenes             | 10.299         | 106  | 18241      | 5.853    | ug/l   | 99       |
| 69) o-Xylene                | 10.640         | 106  | 6010       | 1.945    | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene  | 11.750         | 105  | 12295      | 1.904    | ug/l   | 97       |
| -----                       |                |      |            |          |        |          |

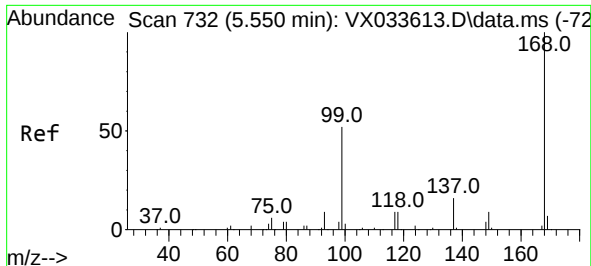
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010623\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
WESTEND-SILICA-B

Quant Time: Jan 07 04:28:33 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X010423W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 05 04:43:25 2023  
Response via : Initial Calibration

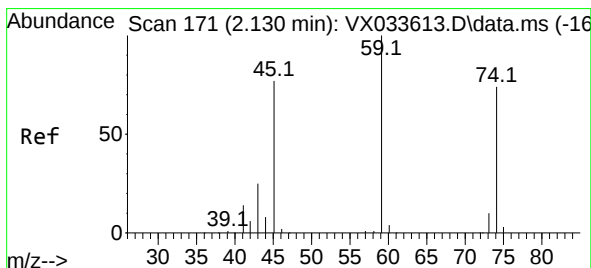
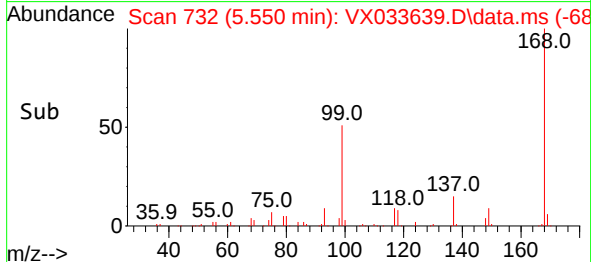
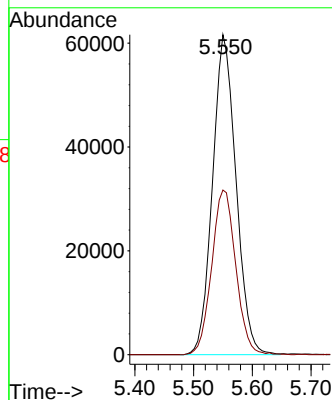
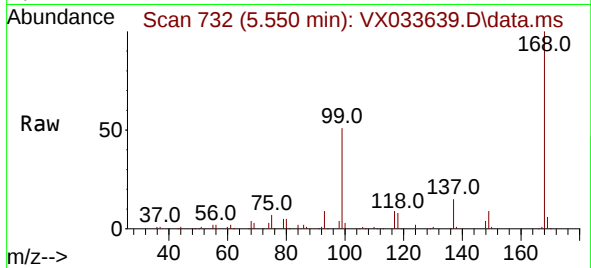




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

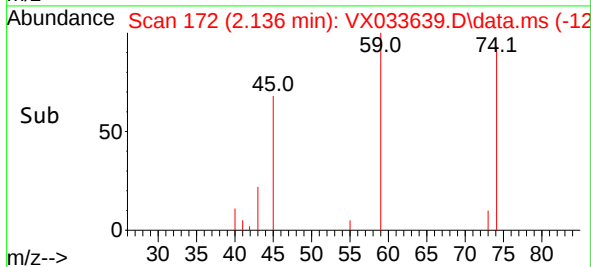
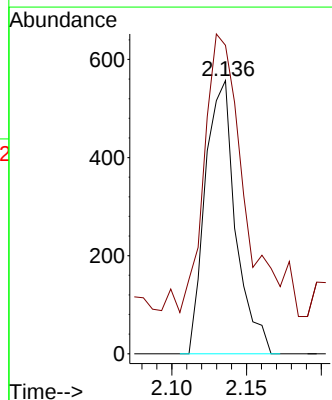
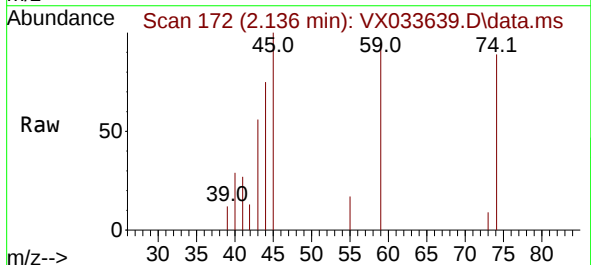
Instrument :  
MSVOA\_X  
ClientSampleId :  
WESTEND-SILICA-B

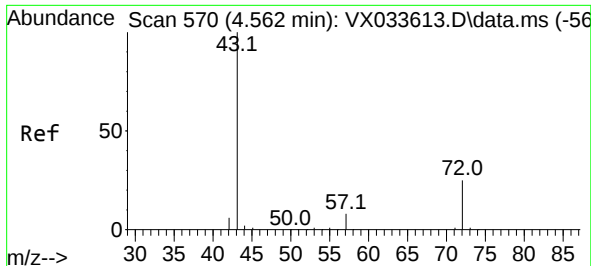
Tgt Ion:168 Resp: 171059  
Ion Ratio Lower Upper  
168 100  
99 51.4 41.4 62.2



#8  
Diethyl Ether  
Concen: 1.151 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

Tgt Ion: 74 Resp: 789  
Ion Ratio Lower Upper  
74 100  
45 158.9 50.1 150.4#

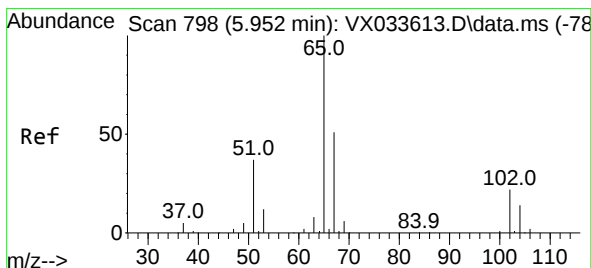
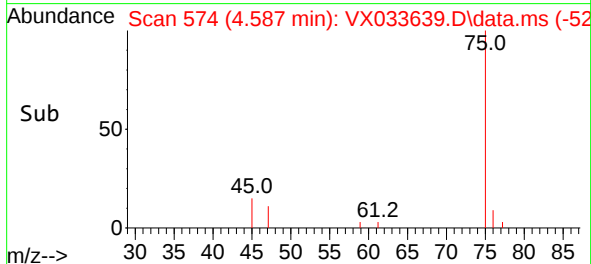
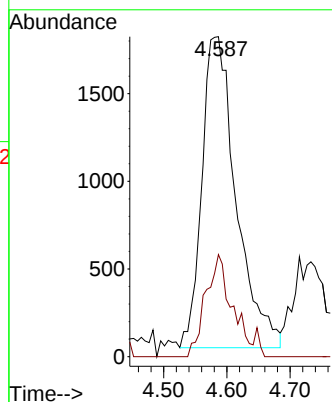
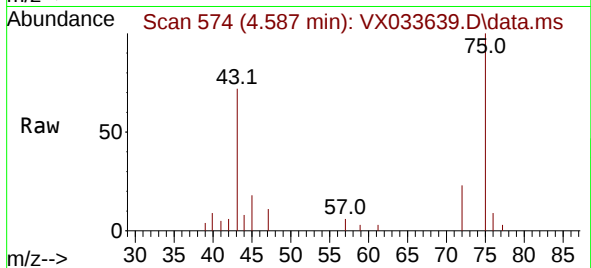




#25  
2-Butanone  
Concen: 5.294 ug/l  
RT: 4.587 min Scan# 51  
Delta R.T. 0.024 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

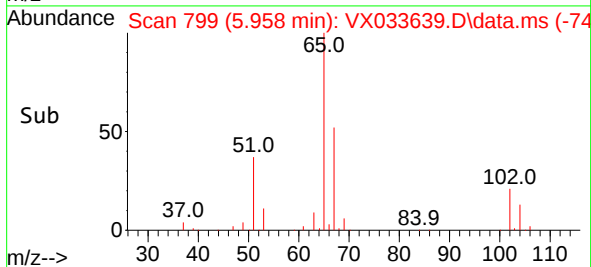
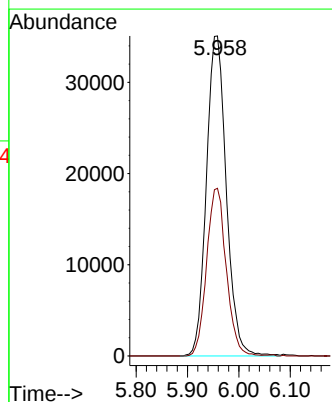
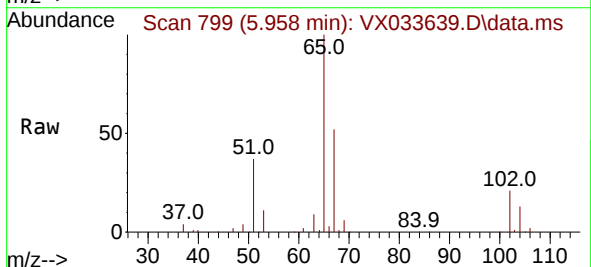
Instrument :  
MSVOA\_X  
ClientSampleId :  
WESTEND-SILICA-B

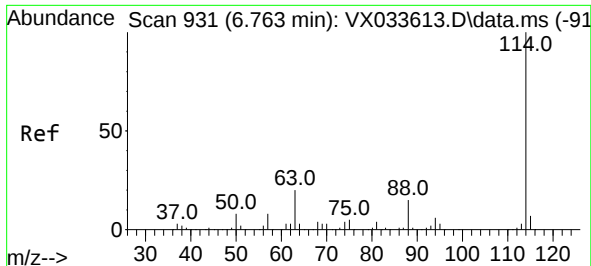
Tgt Ion: 43 Resp: 6675  
Ion Ratio Lower Upper  
43 100  
72 32.8 19.8 29.6#



#33  
1,2-Dichloroethane-d4  
Concen: 48.865 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

Tgt Ion: 65 Resp: 94361  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 104.8

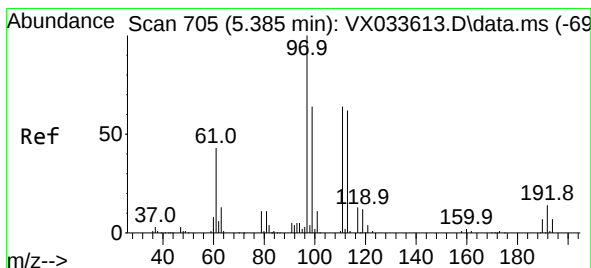
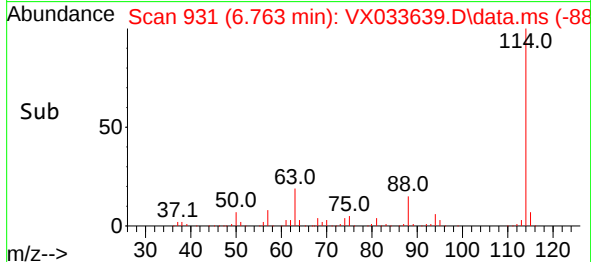
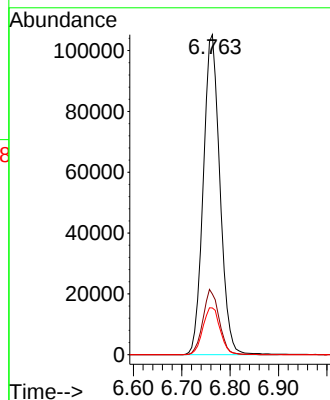
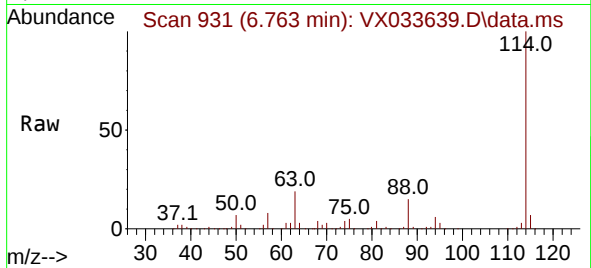




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

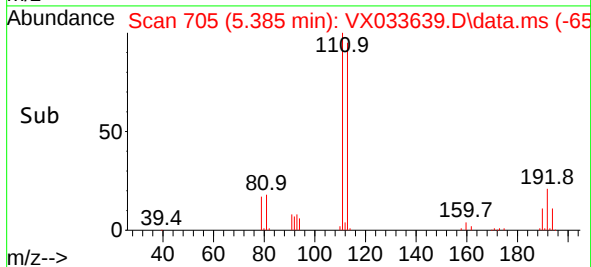
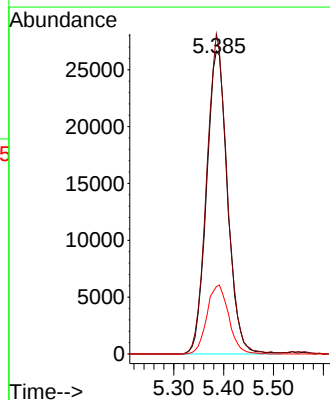
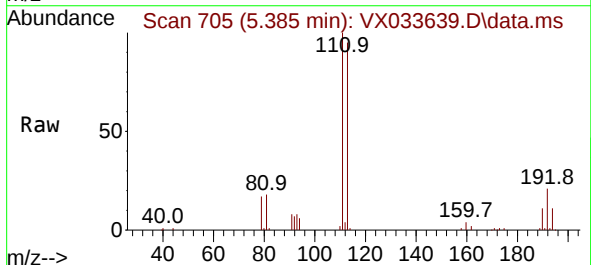
Instrument :  
MSVOA\_X  
ClientSampleId :  
WESTEND-SILICA-B

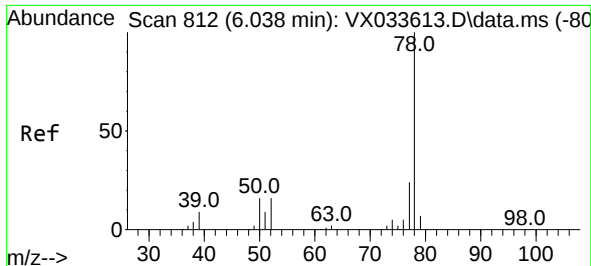
Tgt Ion:114 Resp: 251238  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 40.0  
88 14.6 0.0 29.6



#35  
Dibromofluoromethane  
Concen: 47.190 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

Tgt Ion:113 Resp: 77928  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.2 121.8  
192 23.6 18.2 27.2





#40

Benzene

Concen: 8.831 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033639.D

Acq: 06 Jan 2023 18:30

Instrument :

MSVOA\_X

ClientSampleId :

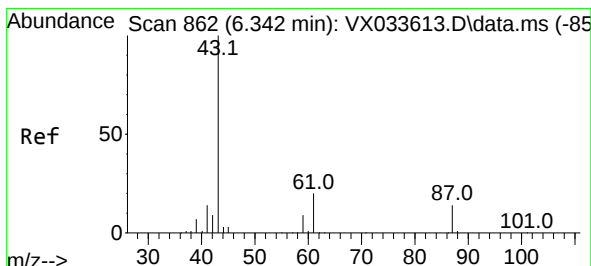
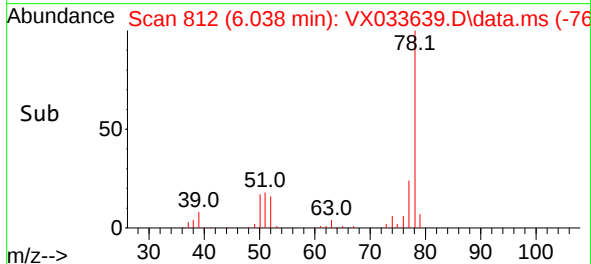
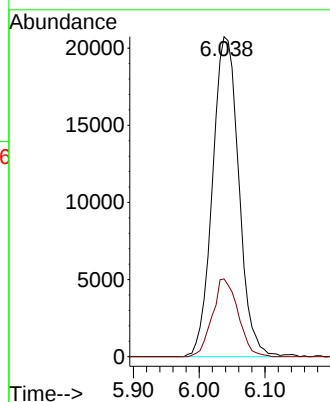
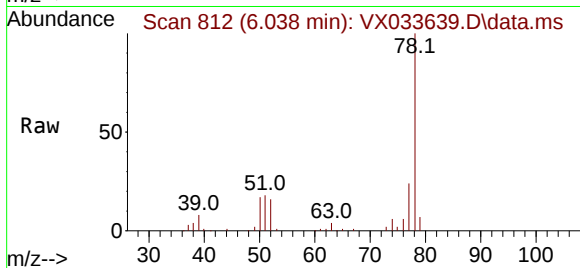
WESTEND-SILICA-B

Tgt Ion: 78 Resp: 57735

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6



#43

Isopropyl Acetate

Concen: 1.913 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033639.D

Acq: 06 Jan 2023 18:30

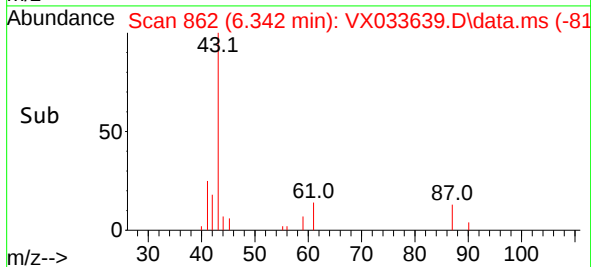
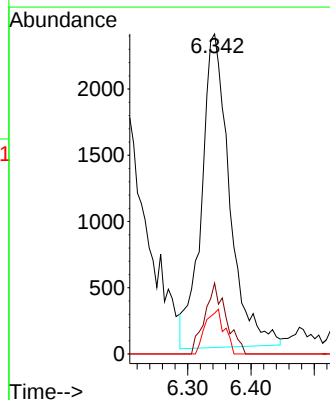
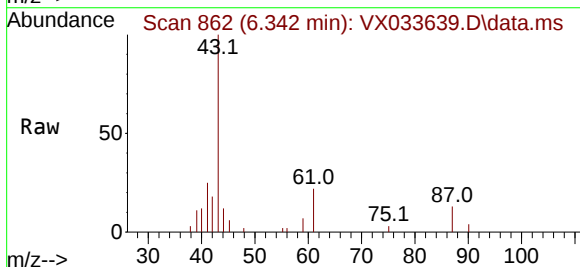
Tgt Ion: 43 Resp: 7316

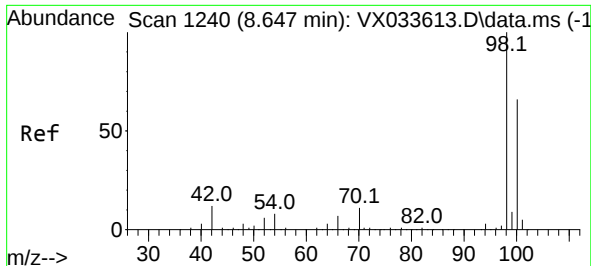
Ion Ratio Lower Upper

43 100

61 17.1 15.2 22.8

87 9.6 10.6 16.0#

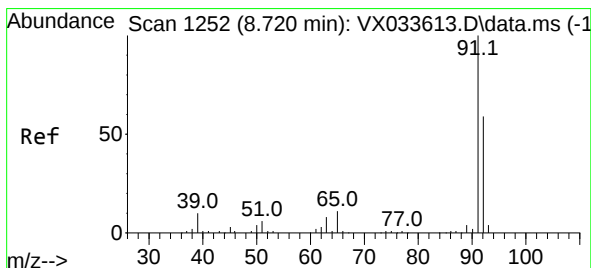
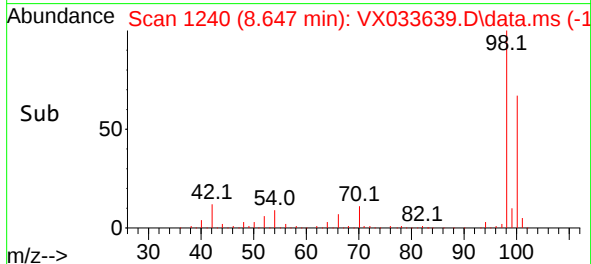
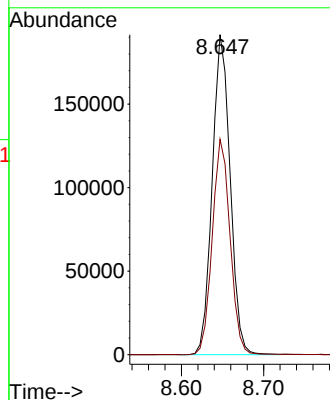
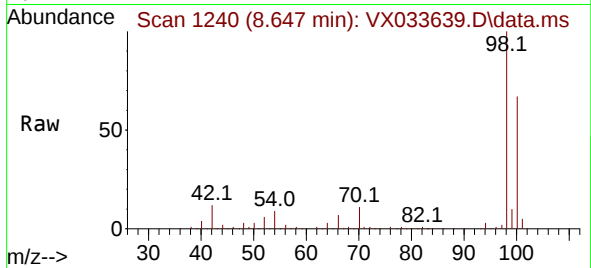




#50  
Toluene-d8  
Concen: 49.043 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

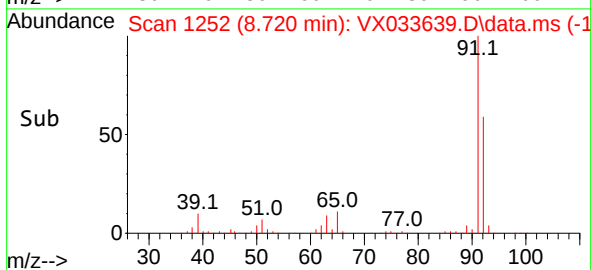
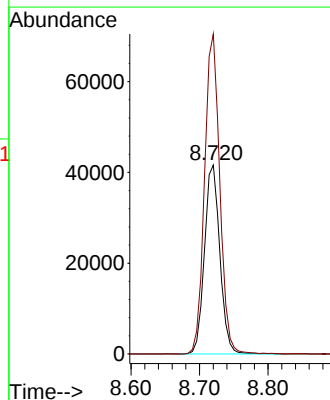
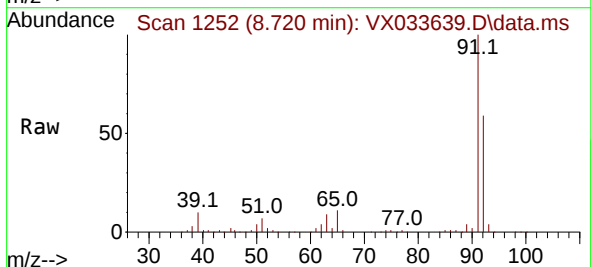
Instrument :  
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WESTEND-SILICA-B

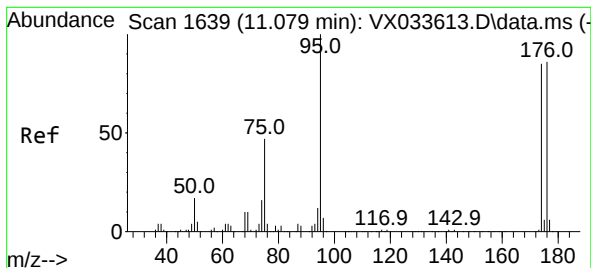
Tgt Ion: 98 Resp: 289471  
Ion Ratio Lower Upper  
98 100  
100 67.1 53.6 80.4



#52  
Toluene  
Concen: 15.107 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

Tgt Ion: 92 Resp: 64936  
Ion Ratio Lower Upper  
92 100  
91 168.3 135.4 203.2





#62

4-Bromofluorobenzene

Concen: 50.454 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033639.D

Acq: 06 Jan 2023 18:30

Instrument :

MSVOA\_X

ClientSampleId :

WESTEND-SILICA-B

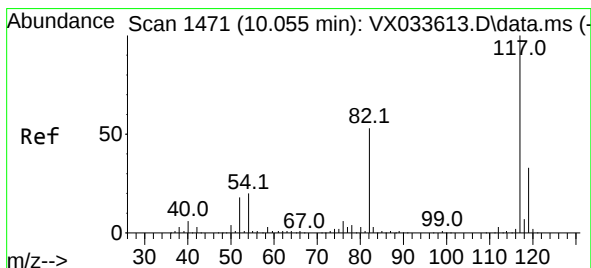
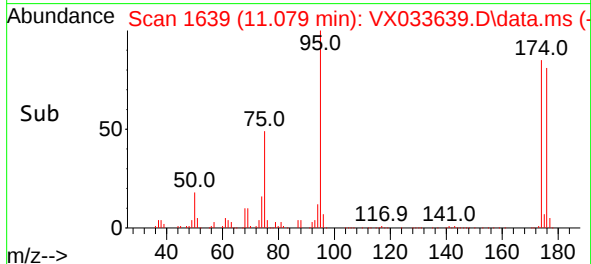
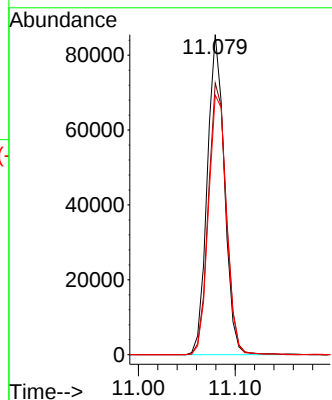
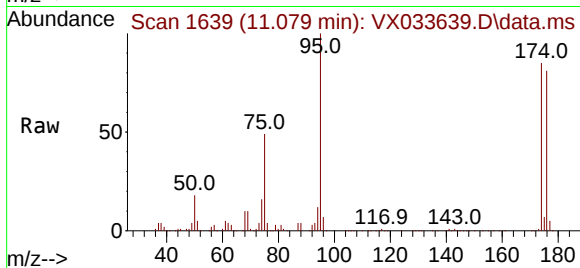
Tgt Ion: 95 Resp: 105557

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.4

176 85.4 0.0 176.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033639.D

Acq: 06 Jan 2023 18:30

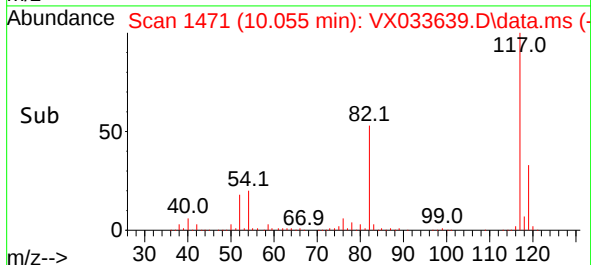
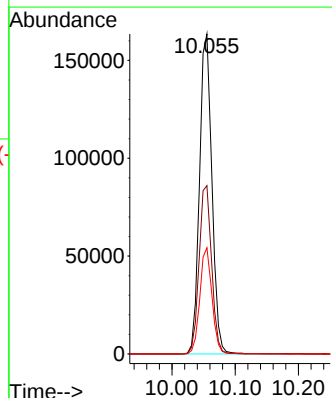
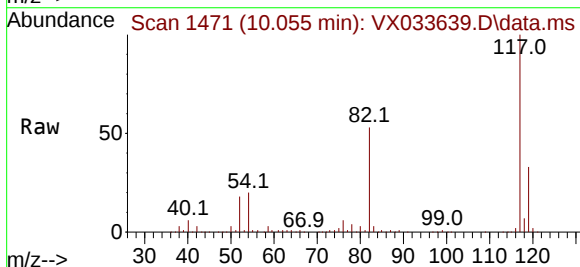
Tgt Ion: 117 Resp: 223564

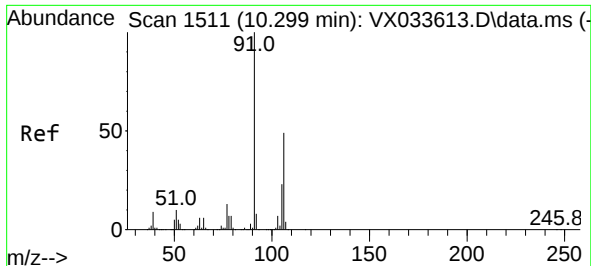
Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.2

119 33.2 26.2 39.4

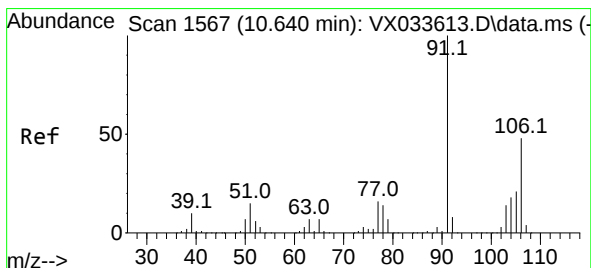
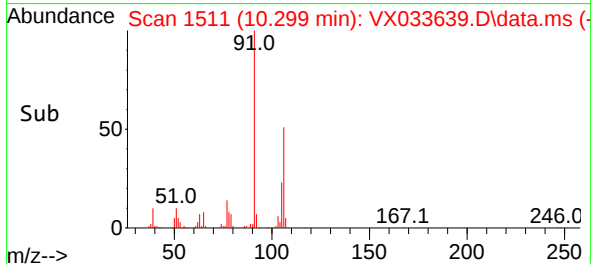
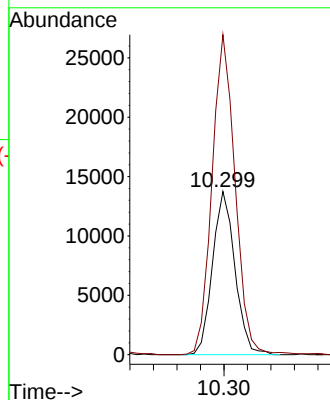
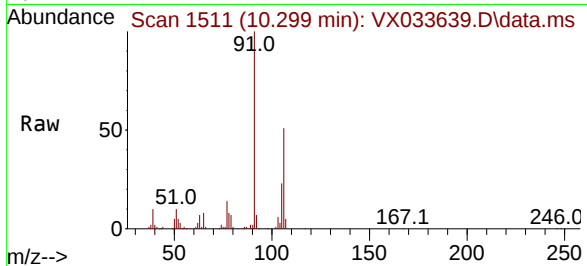




#68  
m/p-Xylenes  
Concen: 5.853 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

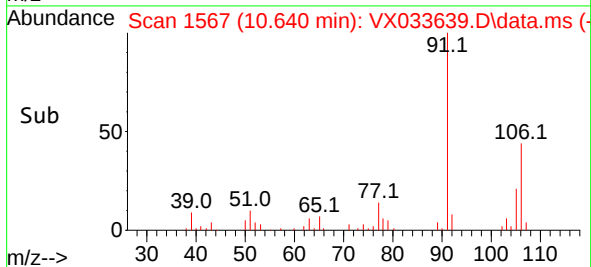
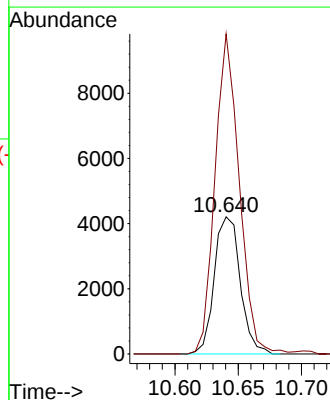
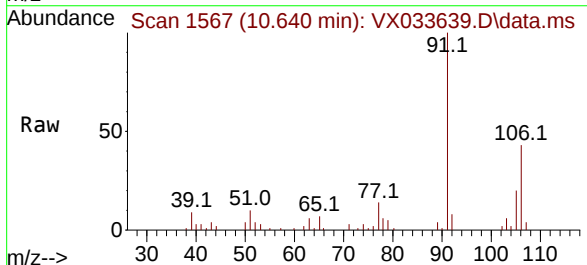
Instrument :  
MSVOA\_X  
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WESTEND-SILICA-B

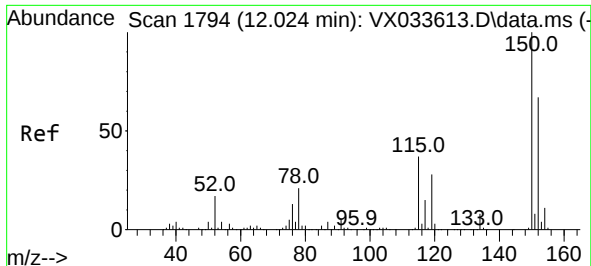
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Ion Ratio Lower Upper  
106 100  
91 201.6 159.6 239.4



#69  
o-Xylene  
Concen: 1.945 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX033639.D  
Acq: 06 Jan 2023 18:30

Tgt Ion:106 Resp: 6010  
Ion Ratio Lower Upper  
106 100  
91 217.9 104.1 312.3

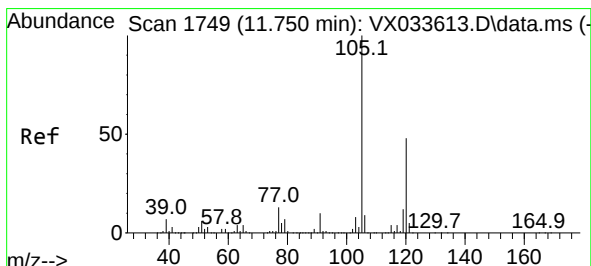
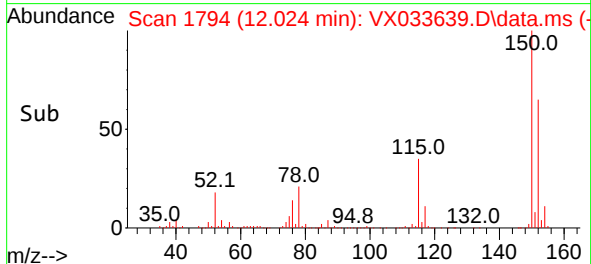
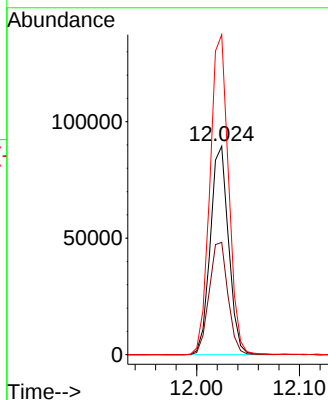
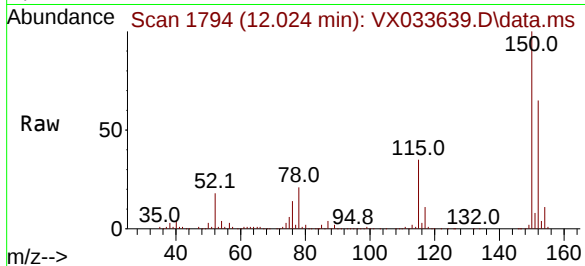




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX033639.D  
 Acq: 06 Jan 2023 18:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WESTEND-SILICA-B

Tgt Ion:152 Resp: 110658  
 Ion Ratio Lower Upper  
 152 100  
 115 55.5 38.5 115.5  
 150 156.5 0.0 340.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.904 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VX033639.D  
 Acq: 06 Jan 2023 18:30

Tgt Ion:105 Resp: 12295  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 23.4 70.0

