

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080823\  
 Data File : VX036874.D  
 Acq On : 08 Aug 2023 19:14  
 Operator : JC/MD  
 Sample : 03903-01ME  
 Misc : 1.63g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-01ME

Quant Time: Aug 09 04:20:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

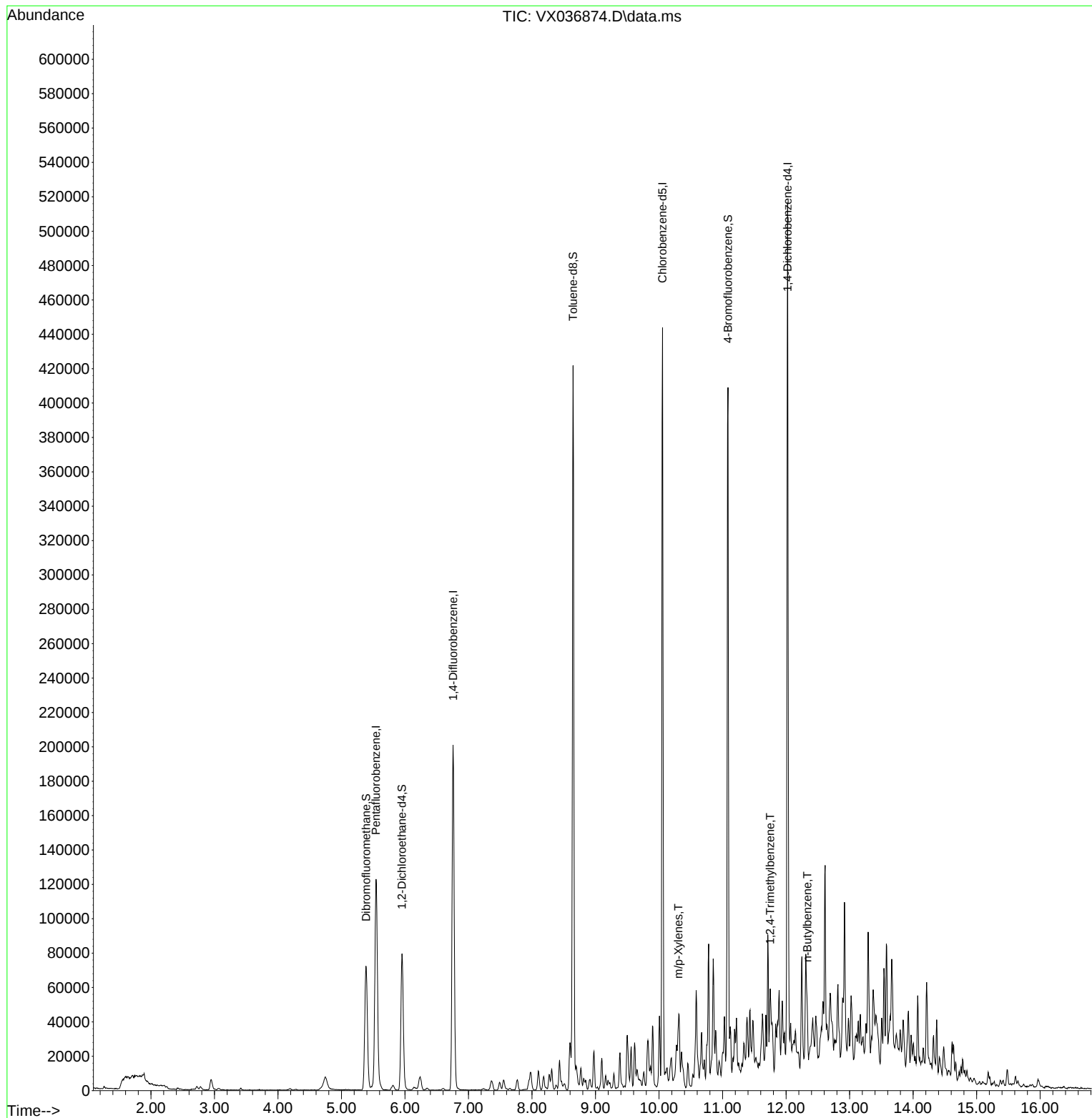
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 114802   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 208456   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 198219   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 98298    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 78897    | 46.446   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 92.900%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 64034    | 44.691   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 89.380%  |
| 50) Toluene-d8              | 8.647  | 98    | 246998   | 48.611   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.220%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 103475   | 53.978   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 107.960% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 68) m/p-Xylenes             | 10.305 | 106   | 4048     | 1.359    | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105   | 10794    | 1.586    | ug/l   | 97       |
| 89) n-Butylbenzene          | 12.335 | 91    | 11219    | 1.827    | ug/l # | 75       |
| -----                       |        |       |          |          |        |          |

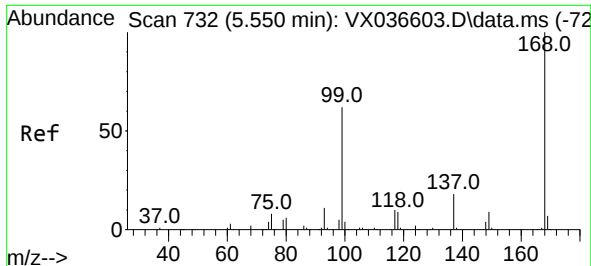
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01ME

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

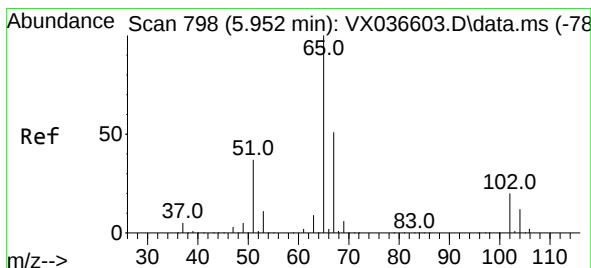
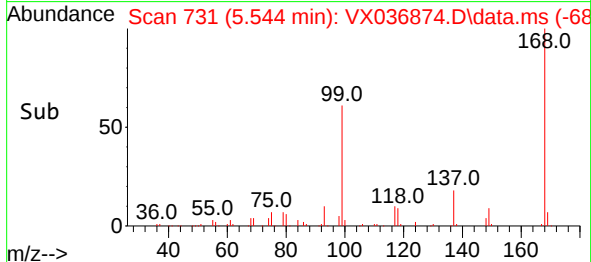
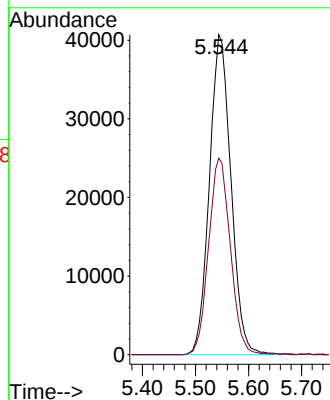
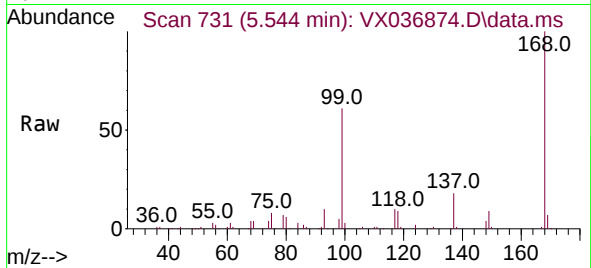




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX036874.D  
Acq: 08 Aug 2023 19:14

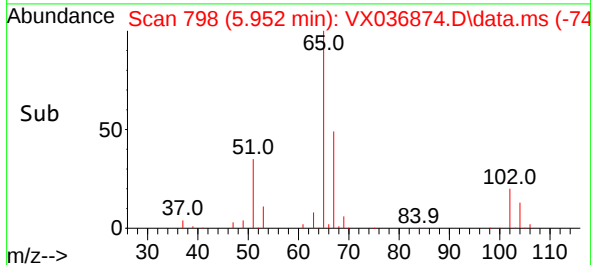
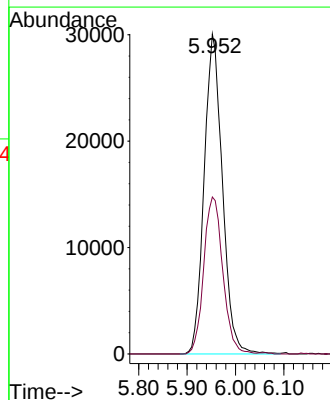
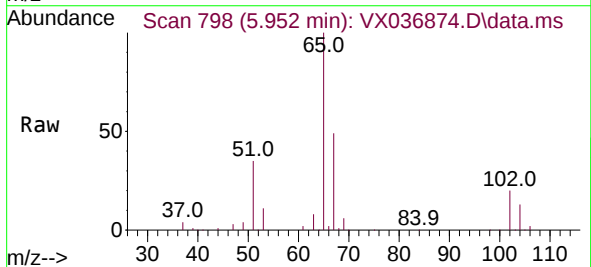
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01ME

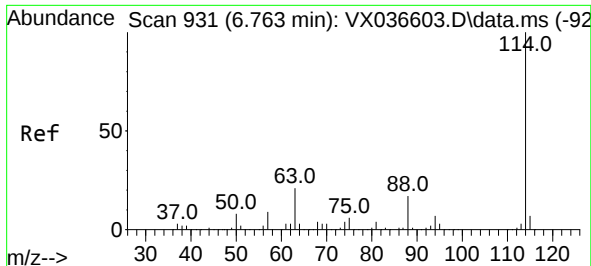
Tgt Ion:168 Resp: 114802  
Ion Ratio Lower Upper  
168 100  
99 61.4 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 46.446 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX036874.D  
Acq: 08 Aug 2023 19:14

Tgt Ion: 65 Resp: 78897  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 100.2

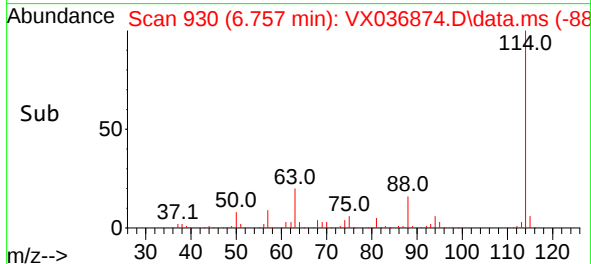
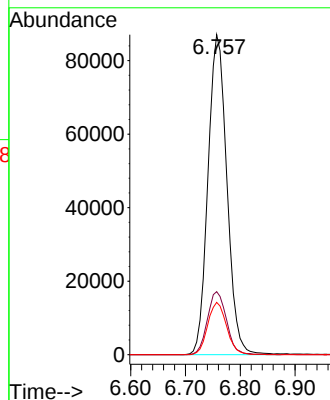
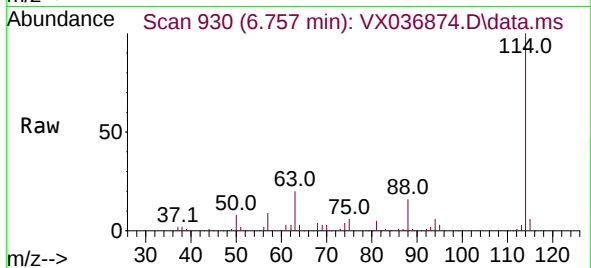




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX036874.D  
Acq: 08 Aug 2023 19:14

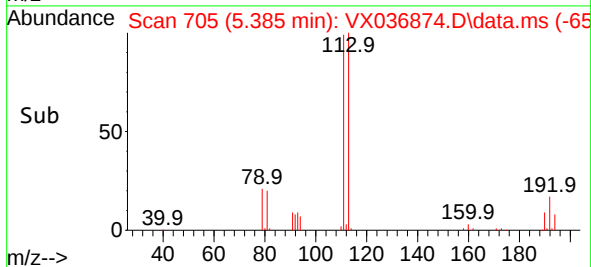
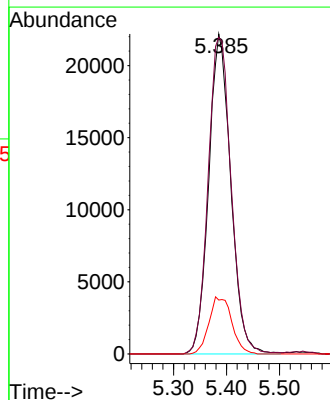
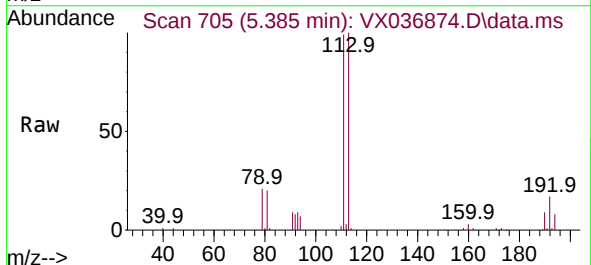
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01ME

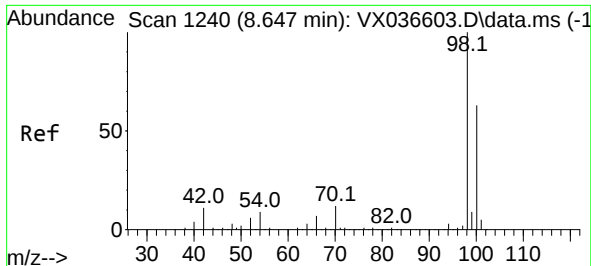
Tgt Ion:114 Resp: 208456  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 45.0  
88 16.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.691 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036874.D  
Acq: 08 Aug 2023 19:14

Tgt Ion:113 Resp: 64034  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.9 124.3  
192 18.4 13.3 19.9

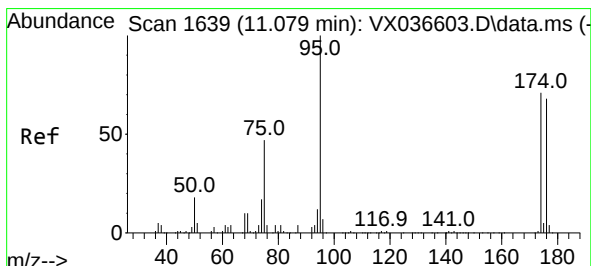
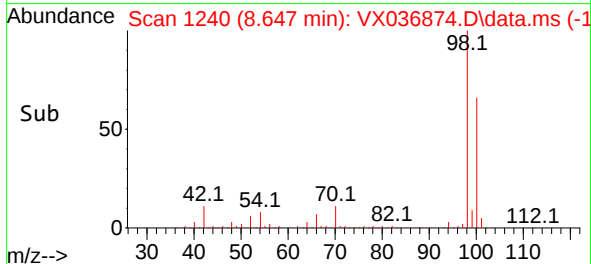
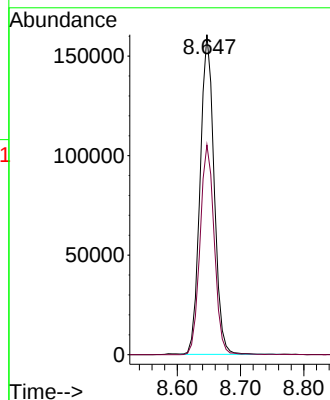
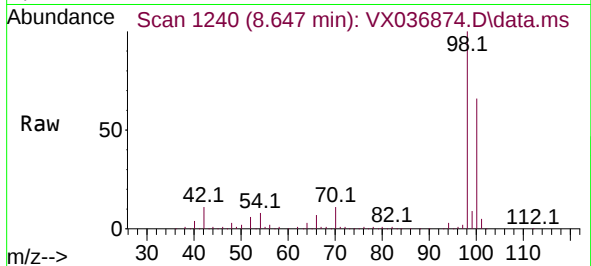




#50  
Toluene-d8  
Concen: 48.611 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036874.D  
Acq: 08 Aug 2023 19:14

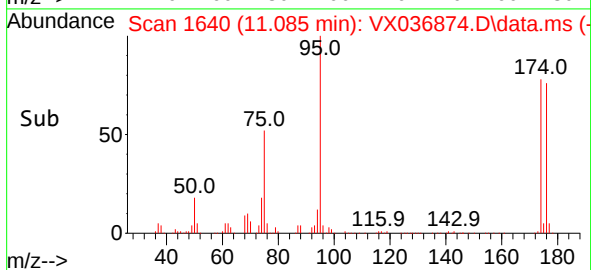
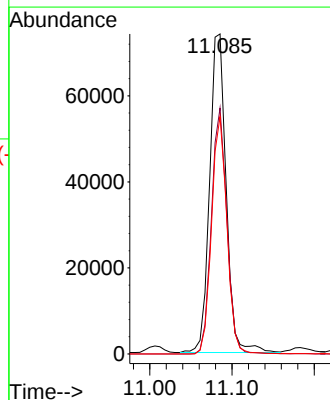
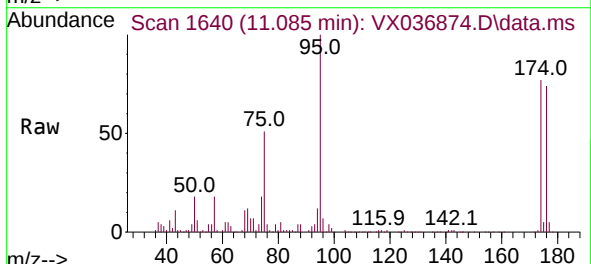
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01ME

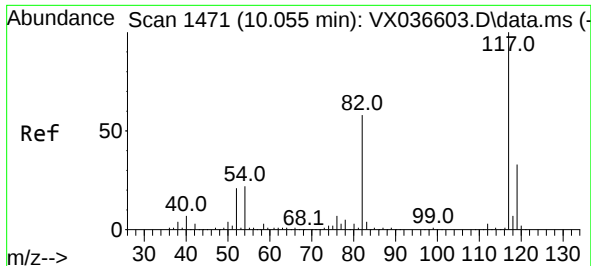
Tgt Ion: 98 Resp: 246998  
Ion Ratio Lower Upper  
98 100  
100 66.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 53.978 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX036874.D  
Acq: 08 Aug 2023 19:14

Tgt Ion: 95 Resp: 103475  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 135.6  
176 69.4 0.0 131.0

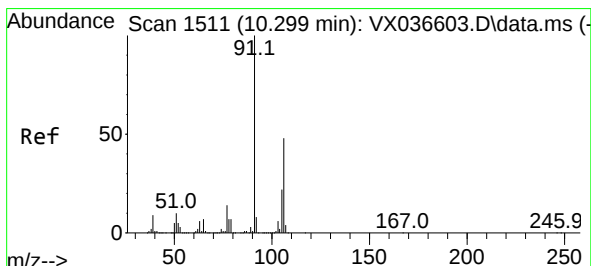
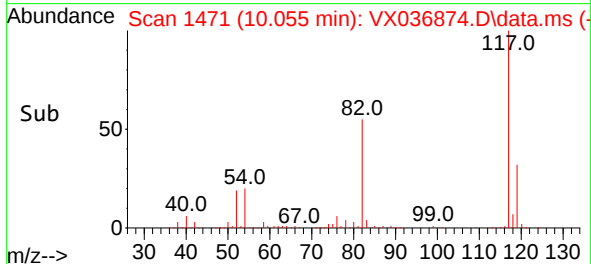
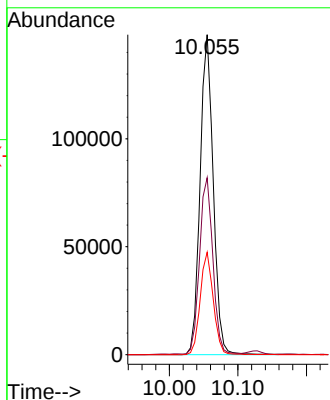
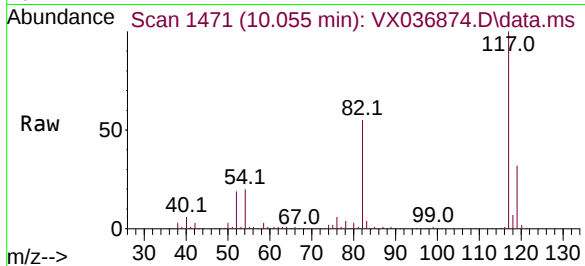




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036874.D  
Acq: 08 Aug 2023 19:14

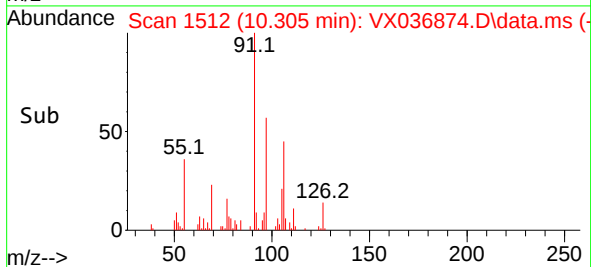
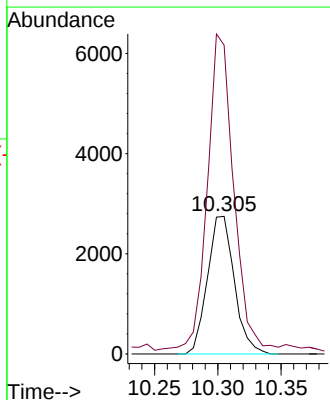
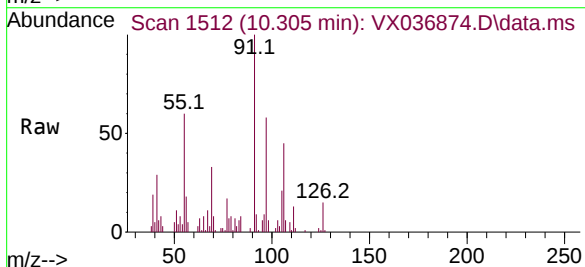
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-01ME

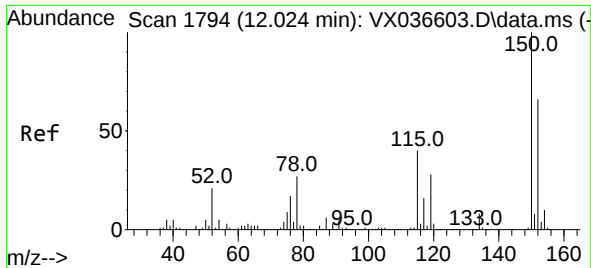
Tgt Ion:117 Resp: 198219  
Ion Ratio Lower Upper  
117 100  
82 55.2 46.2 69.4  
119 32.0 25.5 38.3



#68  
m/p-Xylenes  
Concen: 1.359 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX036874.D  
Acq: 08 Aug 2023 19:14

Tgt Ion:106 Resp: 4048  
Ion Ratio Lower Upper  
106 100  
91 221.0 165.5 248.3

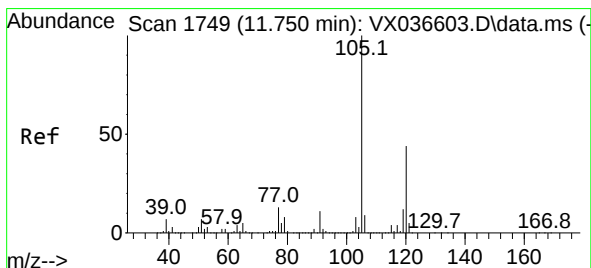
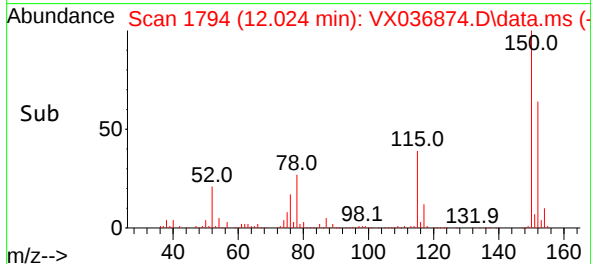
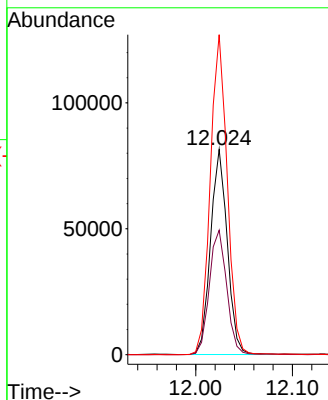
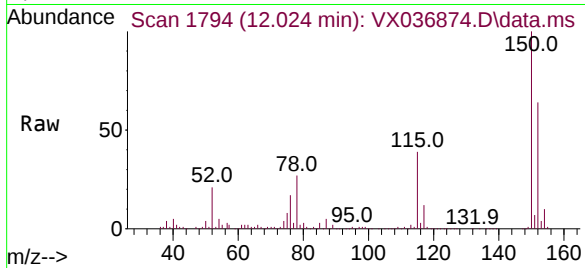




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX036874.D  
 Acq: 08 Aug 2023 19:14

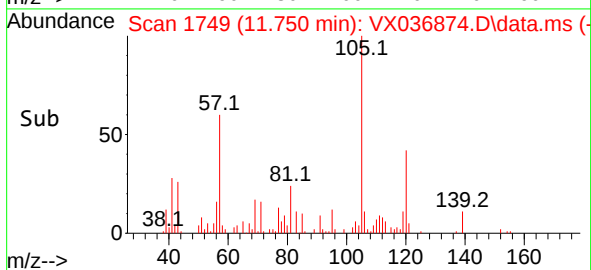
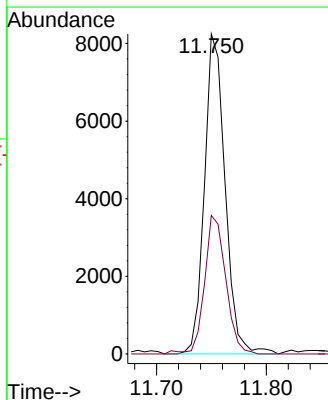
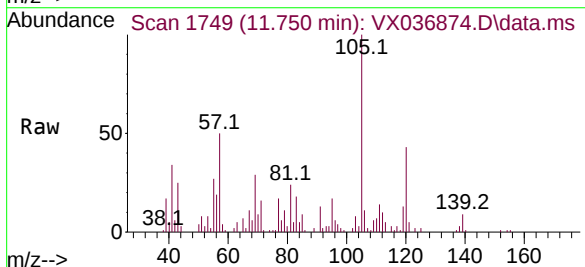
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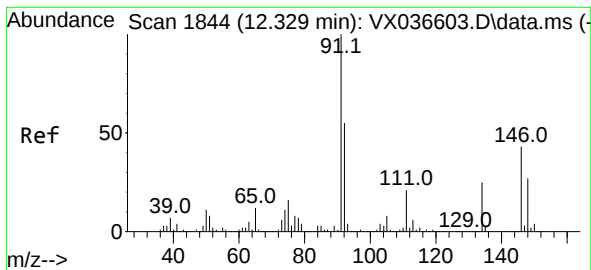
Tgt Ion:152 Resp: 98298  
 Ion Ratio Lower Upper  
 152 100  
 115 63.3 43.3 129.9  
 150 157.8 0.0 345.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.586 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VX036874.D  
 Acq: 08 Aug 2023 19:14

Tgt Ion:105 Resp: 10794  
 Ion Ratio Lower Upper  
 105 100  
 120 44.4 21.2 63.6





#89

n-Butylbenzene

Concen: 1.827 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036874.D

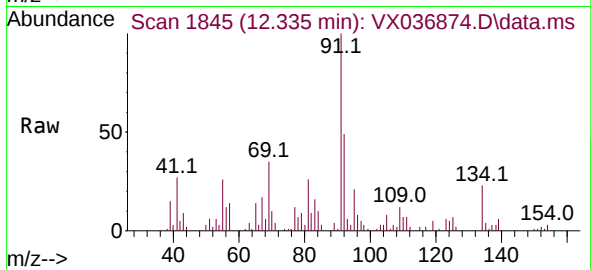
Acq: 08 Aug 2023 19:14

Instrument :

MSVOA\_X

ClientSampleId :

MW-01ME



Tgt Ion: 91 Resp: 11219

Ion Ratio Lower Upper

91 100

92 43.5 27.4 82.0

134 48.0 12.6 37.8#

