

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072523\  
 Data File : VX036653.D  
 Acq On : 25 Jul 2023 15:15  
 Operator : JC/MD  
 Sample : 03769-15  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-20230725

Quant Time: Jul 26 06:25:59 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

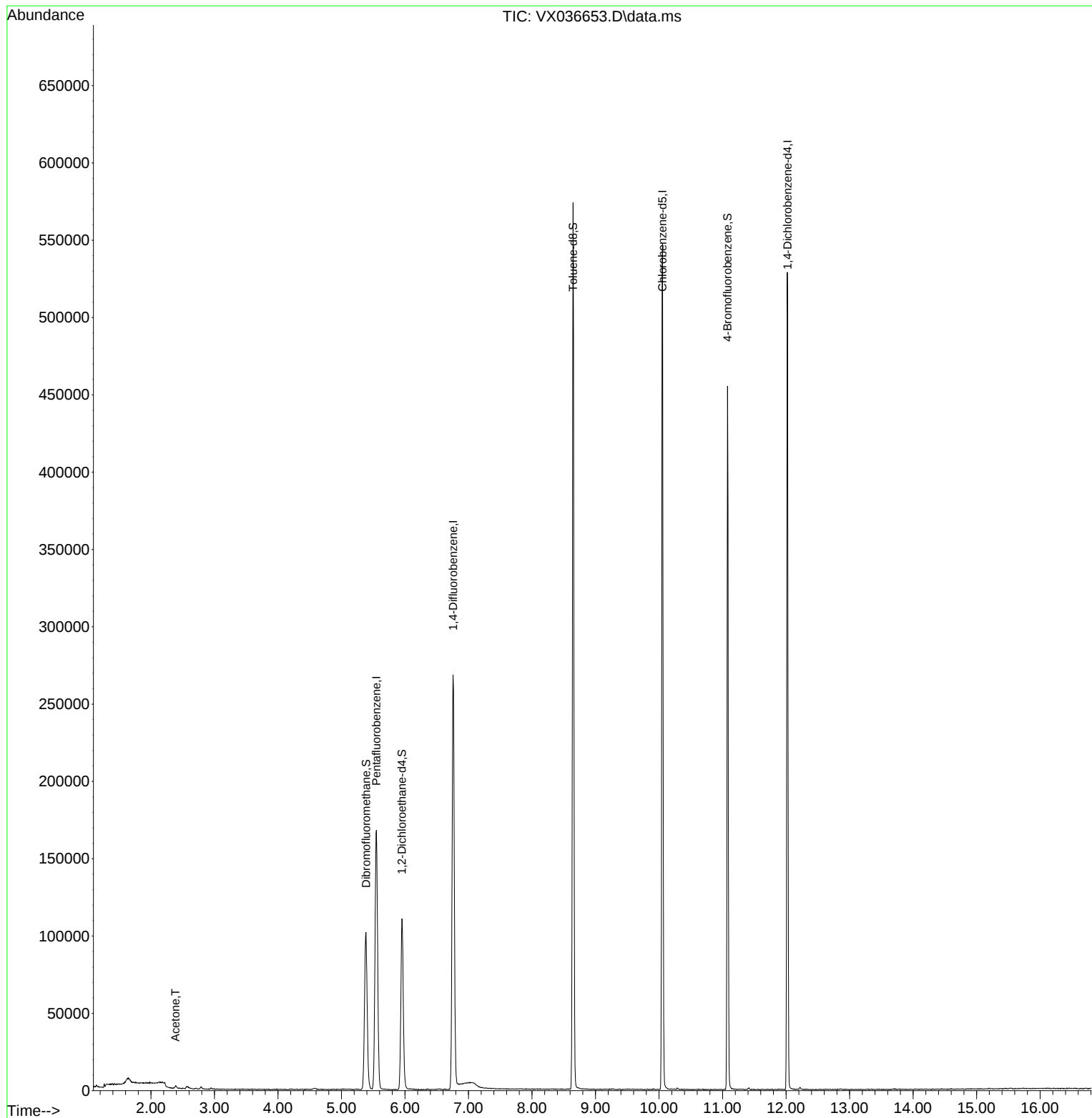
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 155501   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 278154   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 251073   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 108842   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 104650   | 45.483   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 90.960%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 89082    | 46.594   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.180%  |
| 50) Toluene-d8              | 8.647  | 98    | 331293   | 48.864   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.720%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 122093   | 47.731   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 95.460%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 2104     | 2.204    | ug/l # | 82       |
| -----                       |        |       |          |          |        |          |

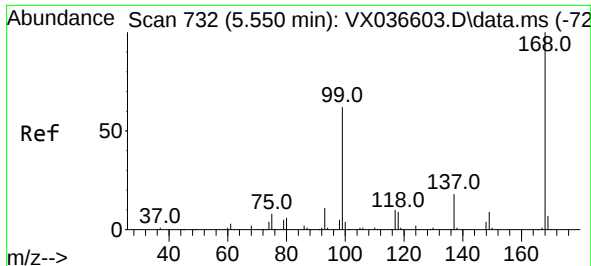
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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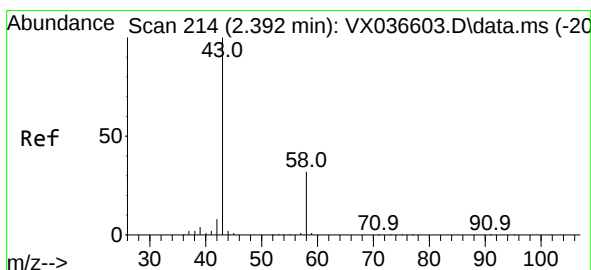
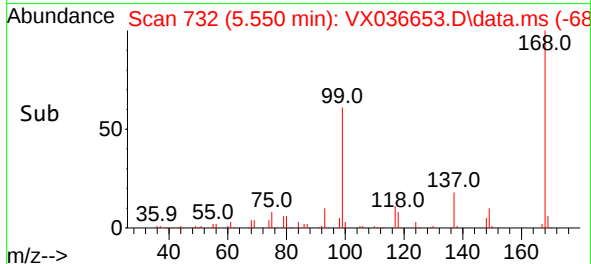
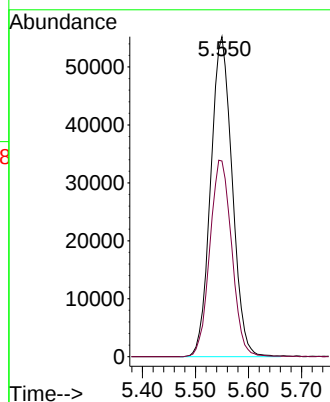
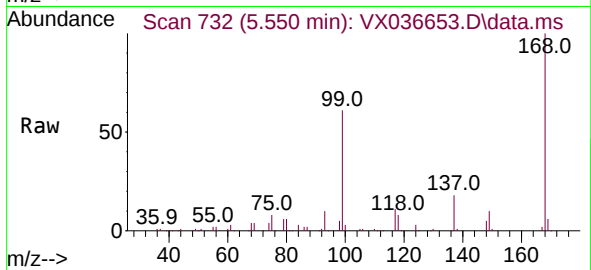




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX036653.D  
Acq: 25 Jul 2023 15:15

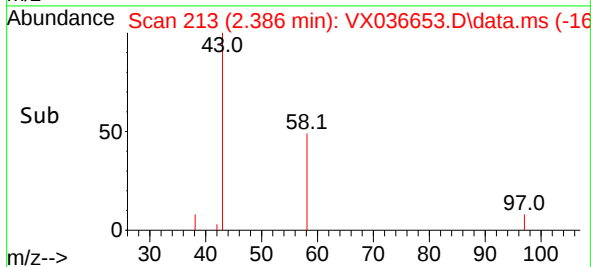
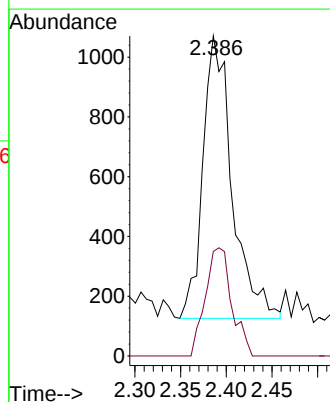
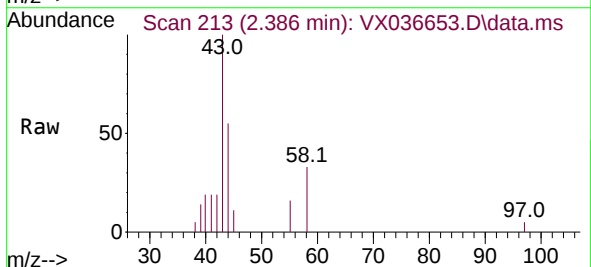
Instrument :  
MSVOA\_X  
ClientSampleId :  
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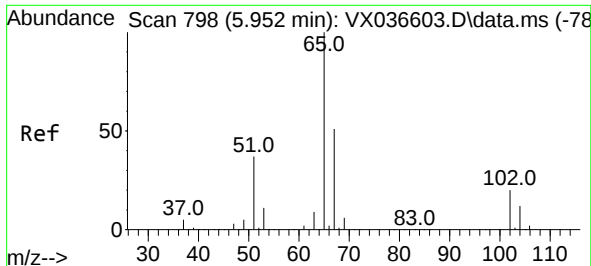
Tgt Ion:168 Resp: 155501  
Ion Ratio Lower Upper  
168 100  
99 61.2 56.6 85.0



#16  
Acetone  
Concen: 2.204 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX036653.D  
Acq: 25 Jul 2023 15:15

Tgt Ion: 43 Resp: 2104  
Ion Ratio Lower Upper  
43 100  
58 37.0 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 45.483 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036653.D

Acq: 25 Jul 2023 15:15

Instrument :

MSVOA\_X

ClientSampleId :

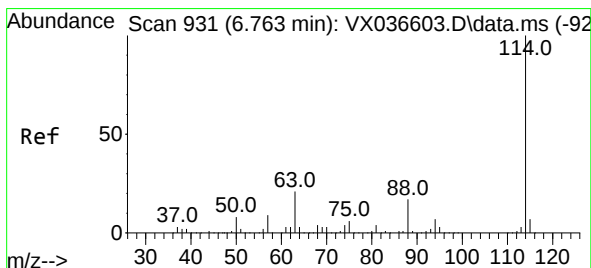
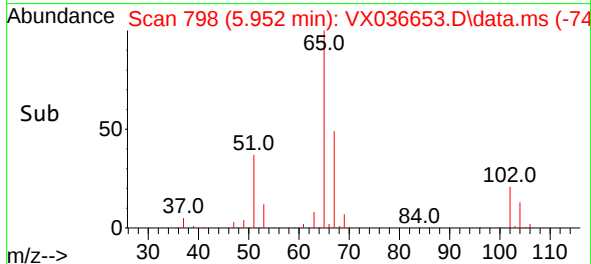
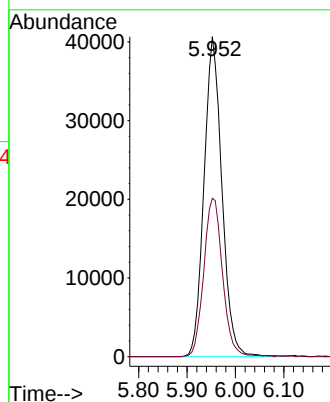
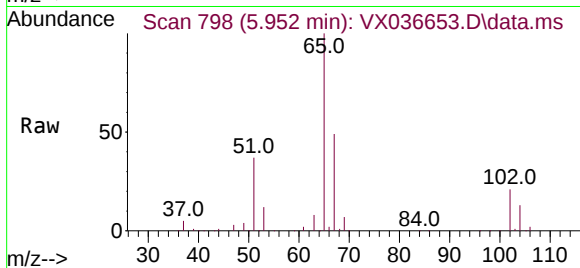
TB-20230725

Tgt Ion: 65 Resp: 104650

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036653.D

Acq: 25 Jul 2023 15:15

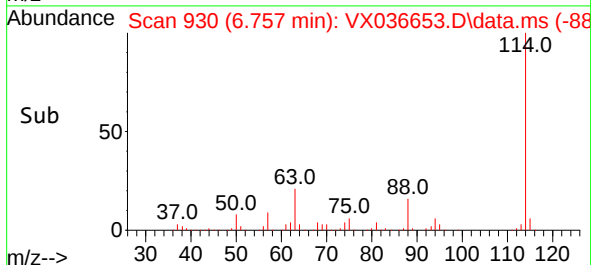
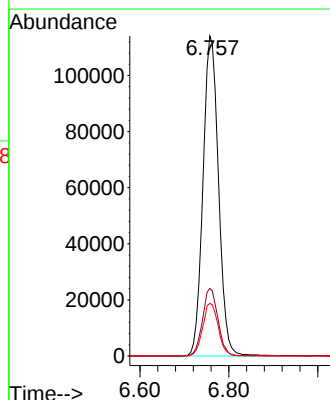
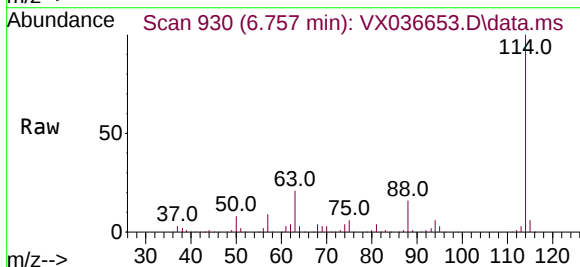
Tgt Ion: 114 Resp: 278154

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.5 0.0 36.6

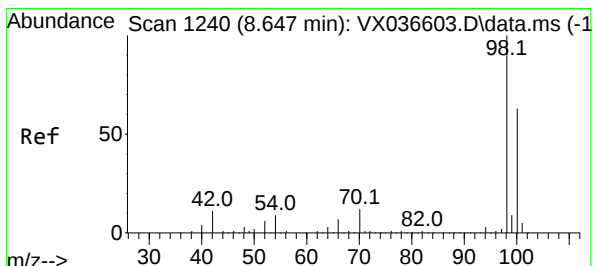
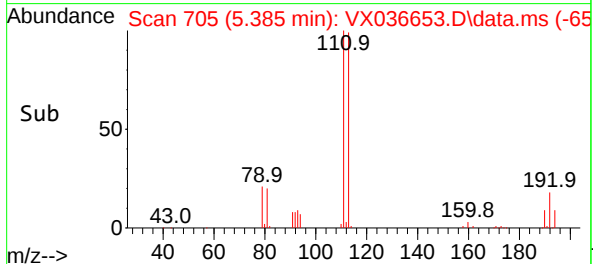
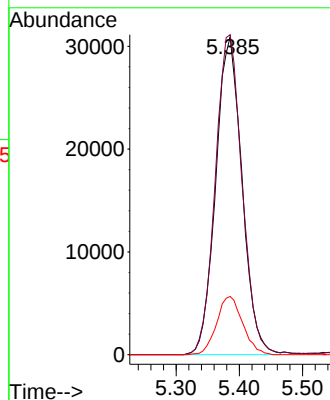
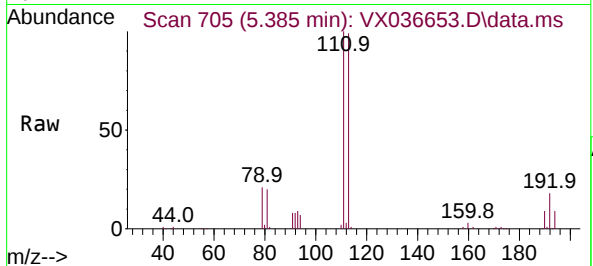




#35  
Dibromofluoromethane  
Concen: 46.594 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036653.D  
Acq: 25 Jul 2023 15:15

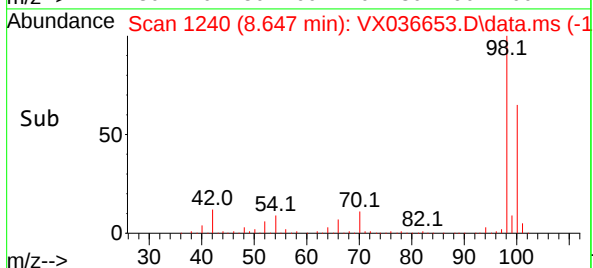
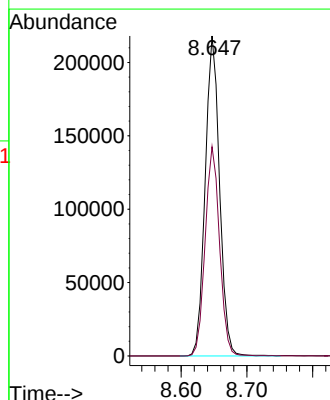
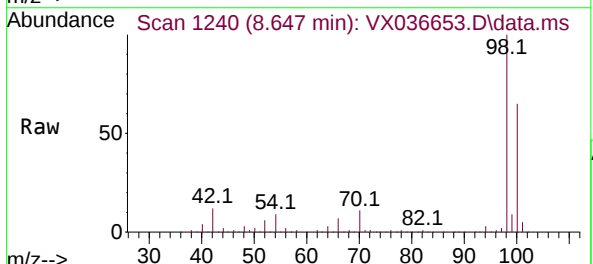
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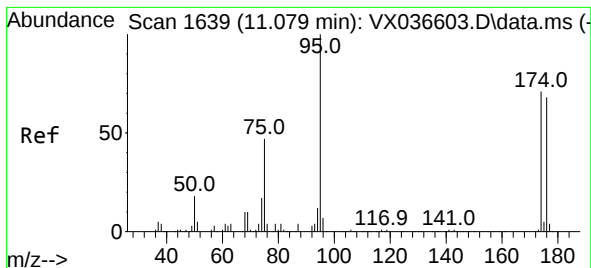
Tgt Ion:113 Resp: 89082  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.9 124.3  
192 18.2 13.3 19.9



#50  
Toluene-d8  
Concen: 48.864 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX036653.D  
Acq: 25 Jul 2023 15:15

Tgt Ion: 98 Resp: 331293  
Ion Ratio Lower Upper  
98 100  
100 65.7 53.1 79.7

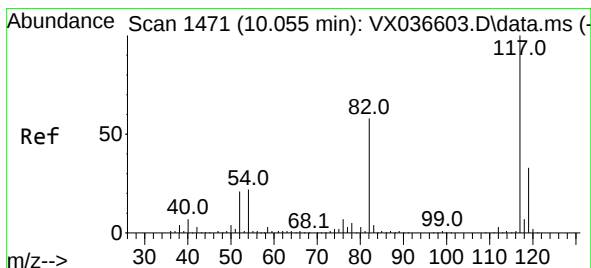
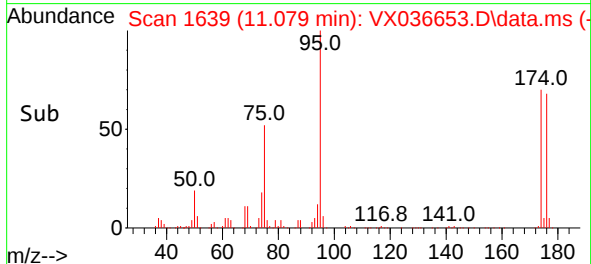
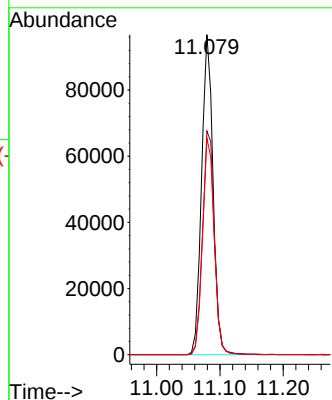
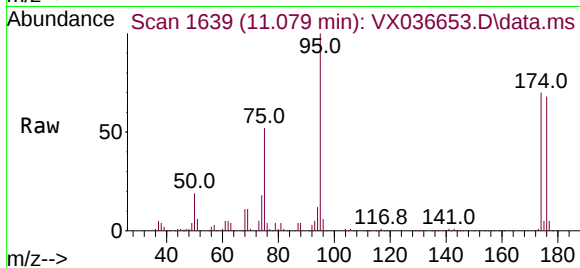




#62  
4-Bromofluorobenzene  
Concen: 47.731 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036653.D  
Acq: 25 Jul 2023 15:15

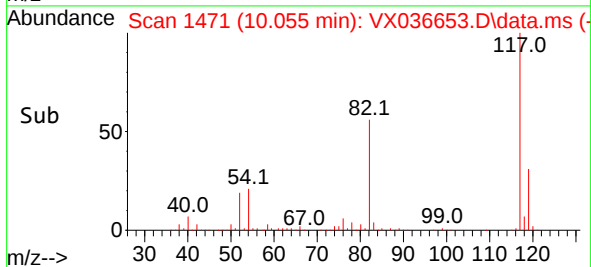
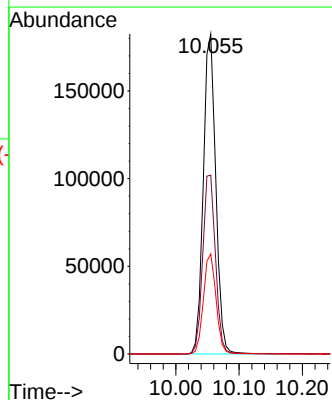
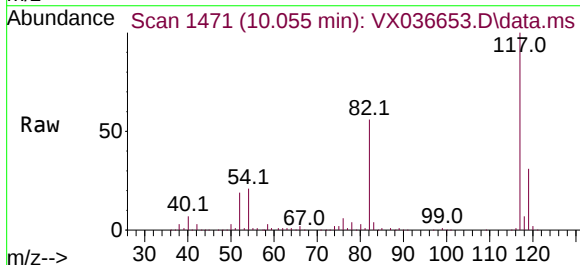
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MSVOA\_X  
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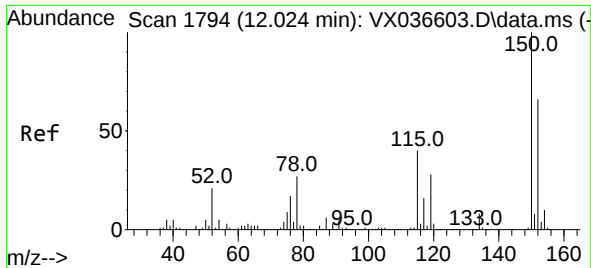
Tgt Ion: 95 Resp: 122093  
Ion Ratio Lower Upper  
95 100  
174 72.0 0.0 135.6  
176 69.0 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036653.D  
Acq: 25 Jul 2023 15:15

Tgt Ion: 117 Resp: 251073  
Ion Ratio Lower Upper  
117 100  
82 55.9 46.2 69.4  
119 31.3 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX036653.D  
 Acq: 25 Jul 2023 15:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-20230725

Tgt Ion:152 Resp: 108842  
 Ion Ratio Lower Upper  
 152 100  
 115 62.4 43.3 129.9  
 150 155.8 0.0 345.0

