

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072622\  
 Data File : VX030214.D  
 Acq On : 26 Jul 2022 16:50  
 Operator : JC/MD  
 Sample : N3876-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB-09-07212022

Quant Time: Jul 26 18:13:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 25 16:49:17 2022  
 Response via : Initial Calibration

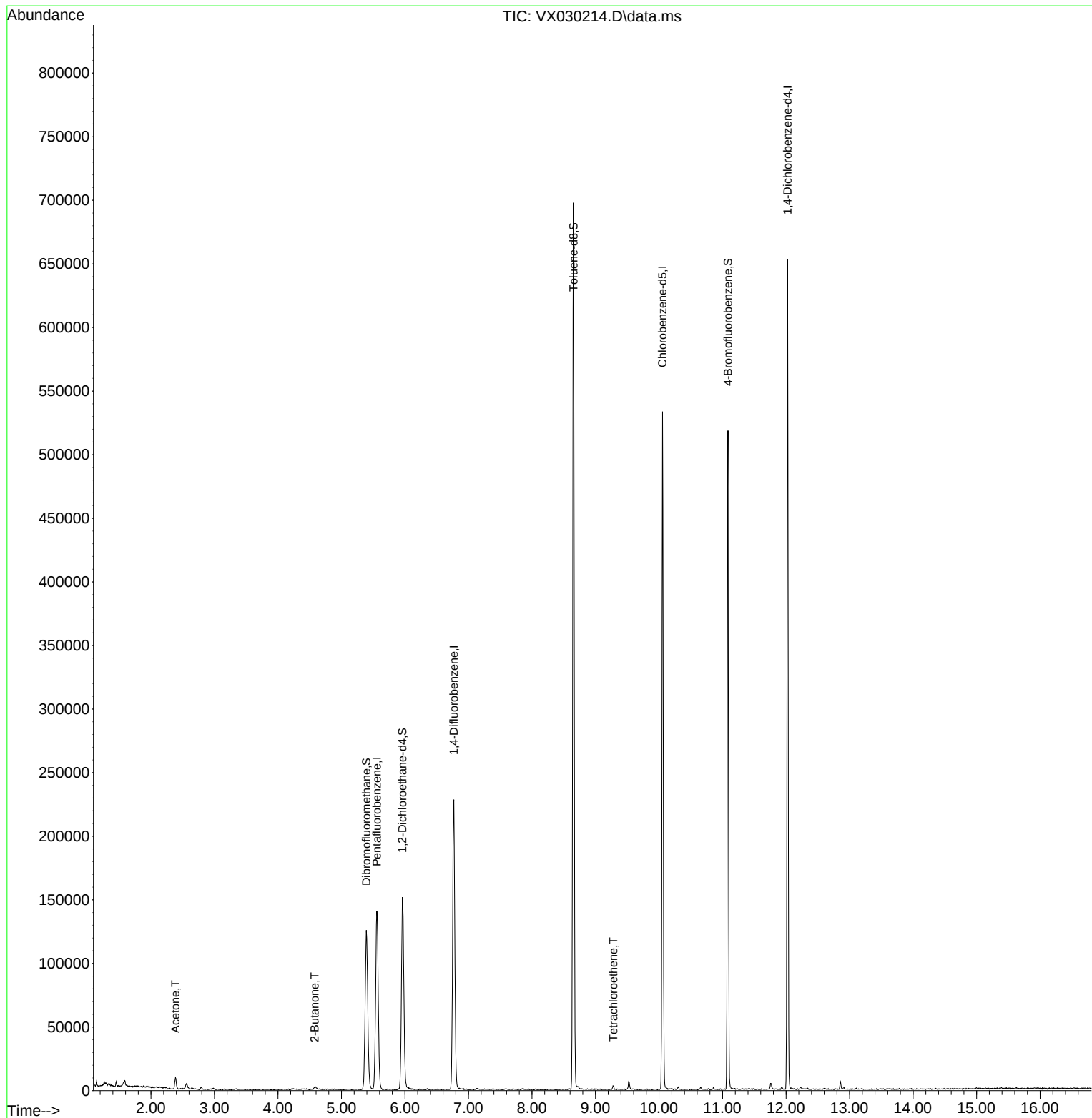
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 131105   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 231812   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 234185   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 125888   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 139559   | 52.961   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 105.920% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 110423   | 49.830   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.660%  |
| 50) Toluene-d8              | 8.653  | 98    | 405587   | 47.261   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 94.520%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 139414   | 43.773   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 87.540%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 9615     | 7.127    | ug/l   | 98       |
| 25) 2-Butanone              | 4.574  | 43    | 4111     | 1.813    | ug/l   | 95       |
| 64) Tetrachloroethene       | 9.281  | 164   | 604      | 0.240    | ug/l # | 80       |
| -----                       |        |       |          |          |        |          |

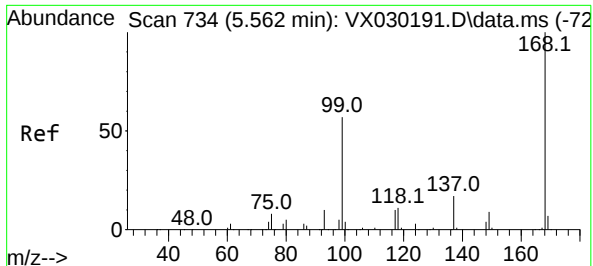
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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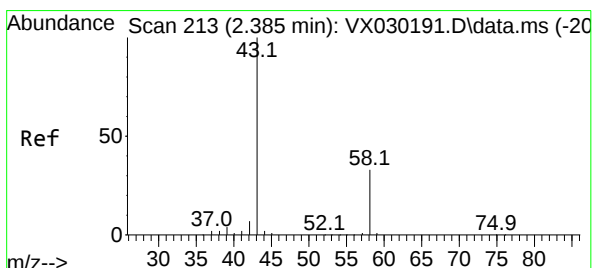
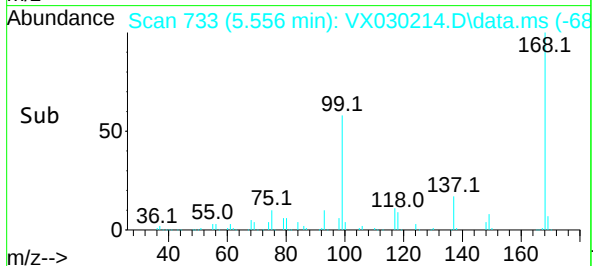
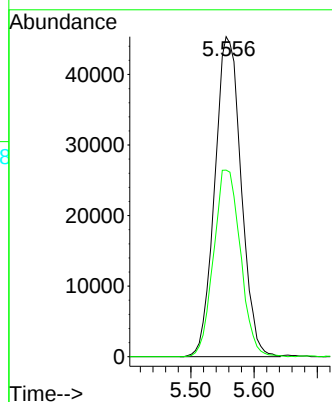
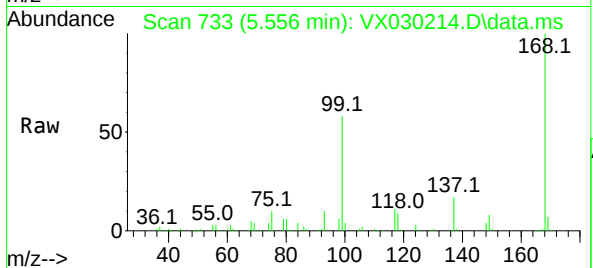




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

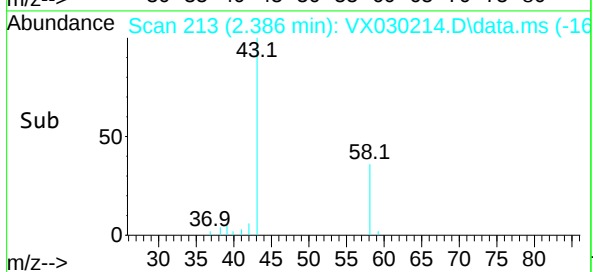
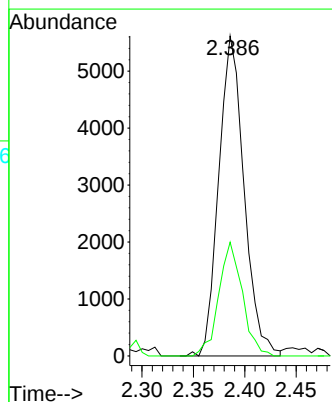
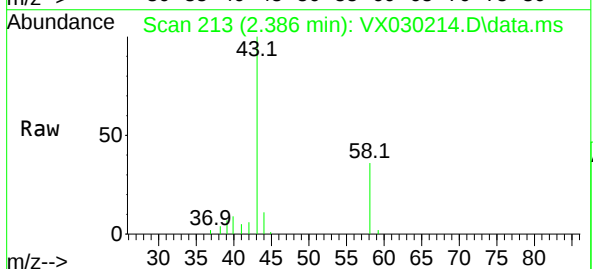
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-09-07212022

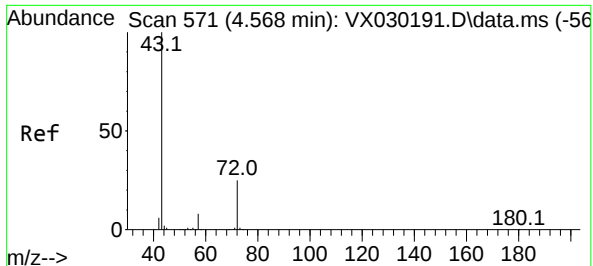
Tgt Ion:168 Resp: 131105  
Ion Ratio Lower Upper  
168 100  
99 58.3 44.0 66.0



#16  
Acetone  
Concen: 7.127 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.001 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

Tgt Ion: 43 Resp: 9615  
Ion Ratio Lower Upper  
43 100  
58 35.5 27.7 41.5

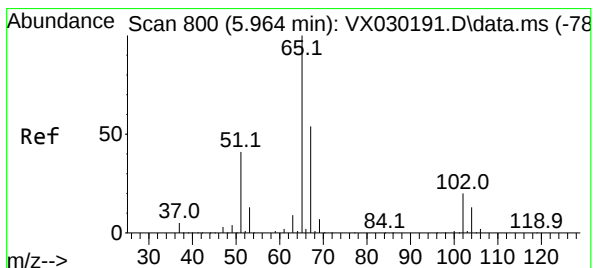
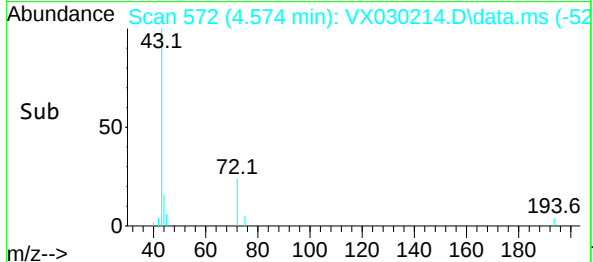
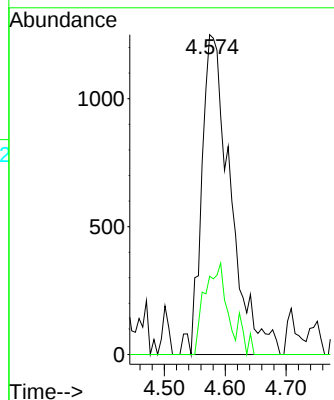
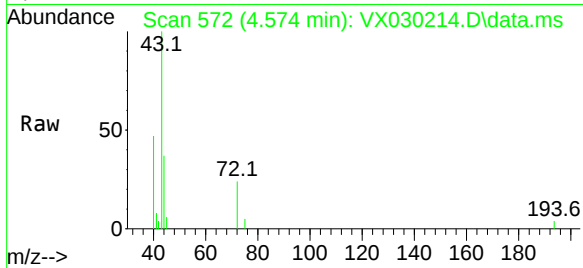




#25  
2-Butanone  
Concen: 1.813 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

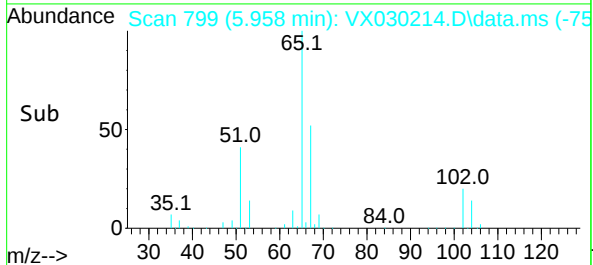
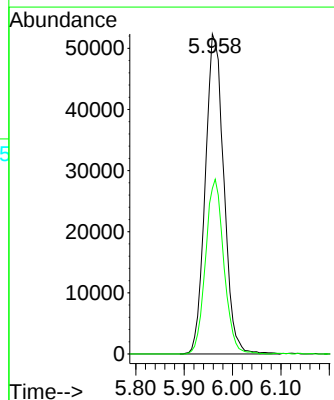
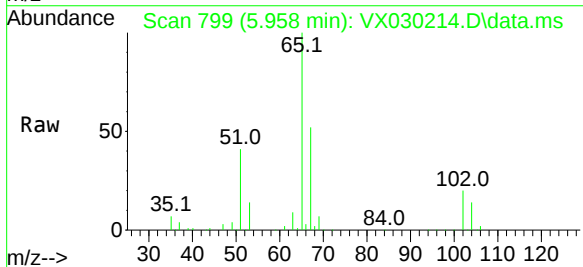
Instrument :  
MSVOA\_X  
ClientSampleId :  
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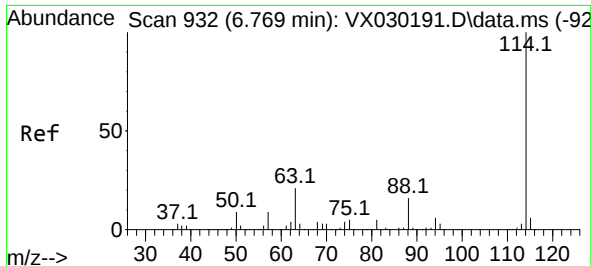
Tgt Ion: 43 Resp: 4111  
Ion Ratio Lower Upper  
43 100  
72 24.5 21.7 32.5



#33  
1,2-Dichloroethane-d4  
Concen: 52.961 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

Tgt Ion: 65 Resp: 139559  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 109.6

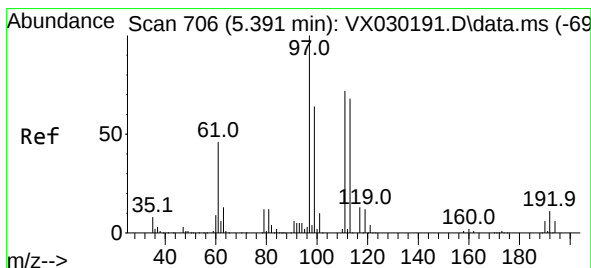
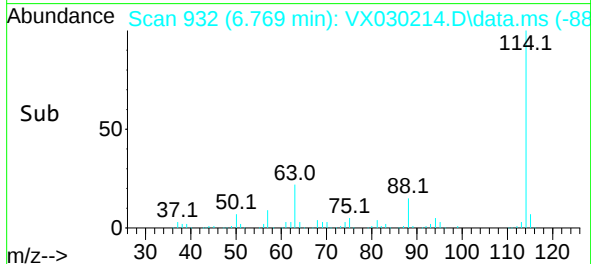
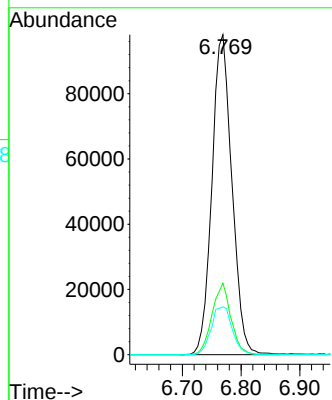
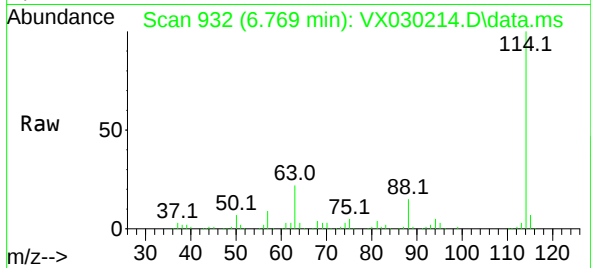




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

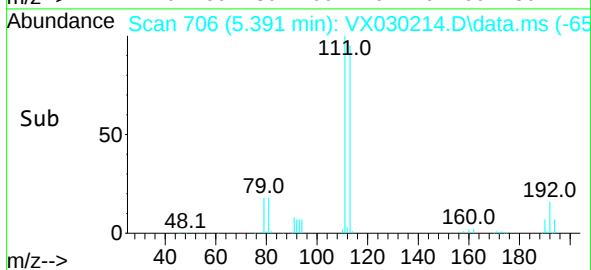
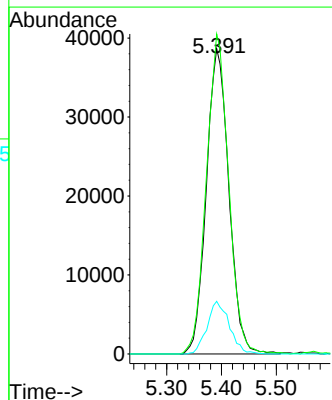
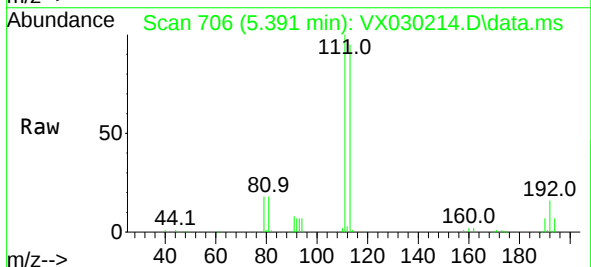
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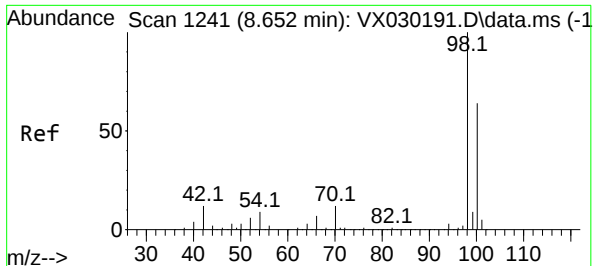
Tgt Ion:114 Resp: 231812  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 38.4  
88 15.0 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 49.830 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

Tgt Ion:113 Resp: 110423  
Ion Ratio Lower Upper  
113 100  
111 103.6 83.2 124.8  
192 17.0 14.8 22.2

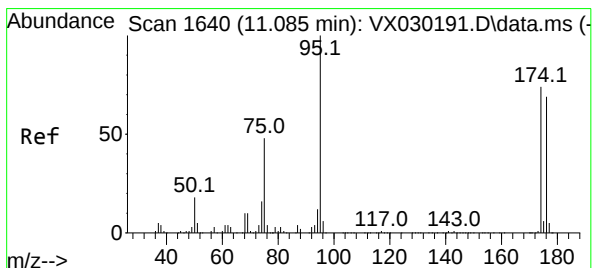
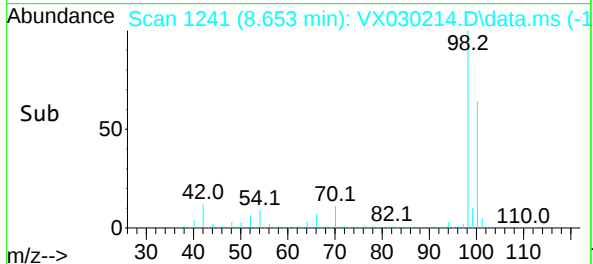
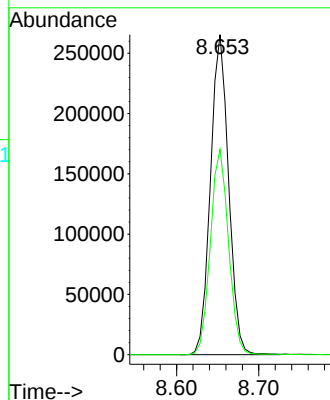
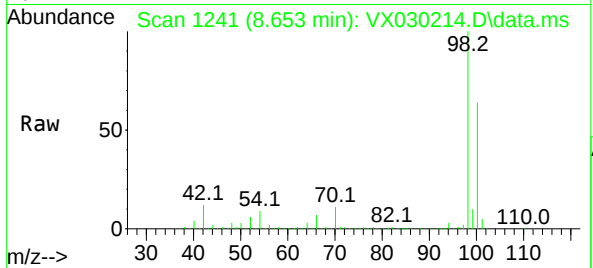




#50  
Toluene-d8  
Concen: 47.261 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

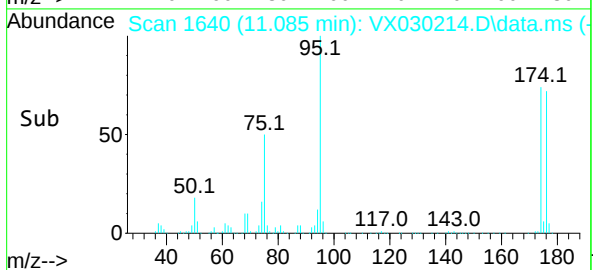
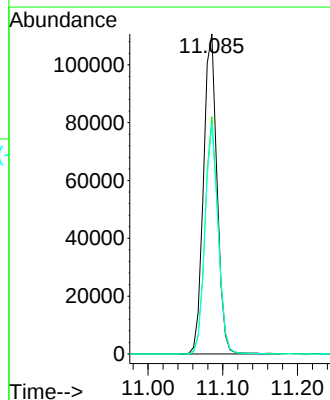
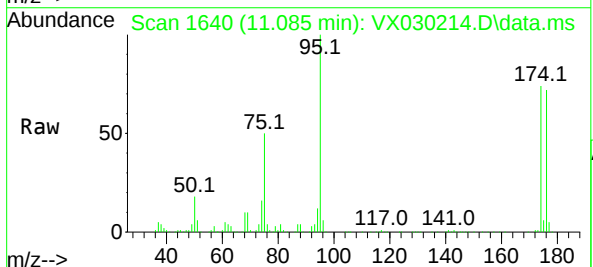
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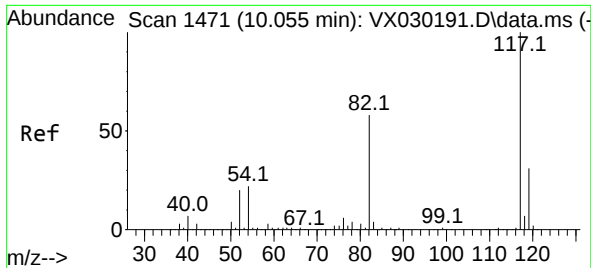
Tgt Ion: 98 Resp: 405587  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 43.773 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

Tgt Ion: 95 Resp: 139414  
Ion Ratio Lower Upper  
95 100  
174 71.8 0.0 149.0  
176 69.4 0.0 146.0

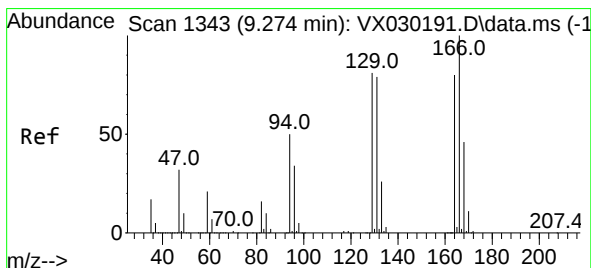
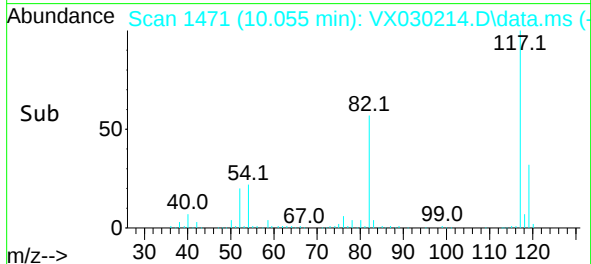
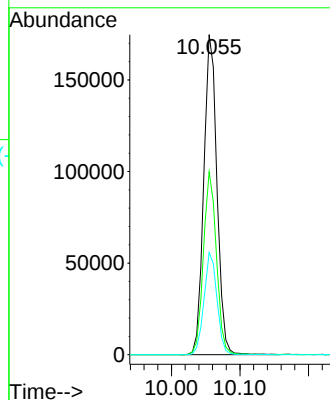
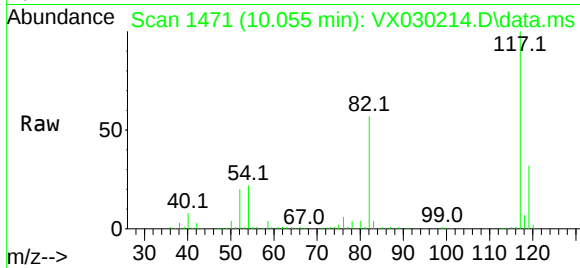




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

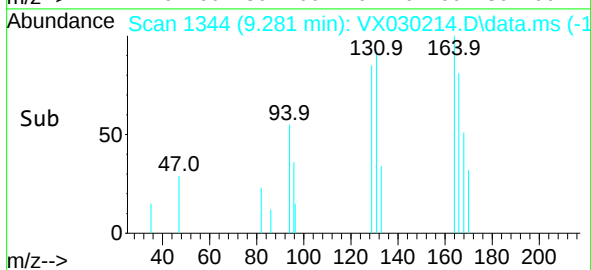
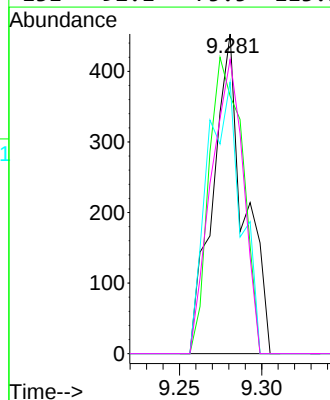
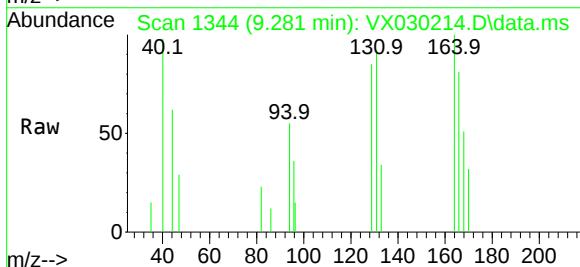
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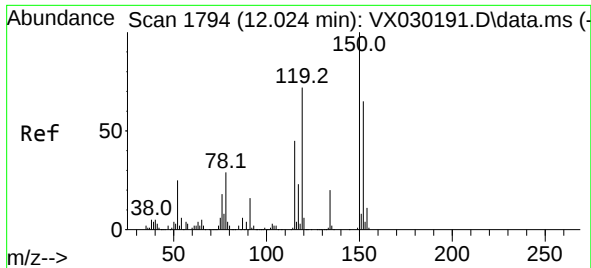
Tgt Ion:117 Resp: 234185  
Ion Ratio Lower Upper  
117 100  
82 57.2 42.7 64.1  
119 31.9 25.4 38.2



#64  
Tetrachloroethene  
Concen: 0.240 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.007 min  
Lab File: VX030214.D  
Acq: 26 Jul 2022 16:50

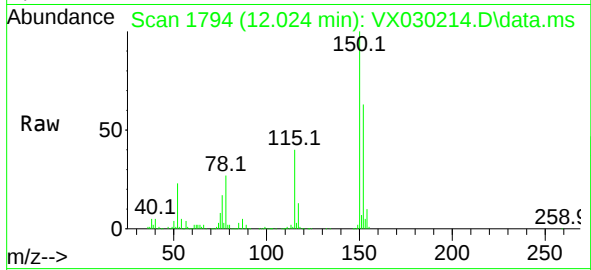
Tgt Ion:164 Resp: 604  
Ion Ratio Lower Upper  
164 100  
166 80.6 98.2 147.4#  
129 85.0 80.8 121.2  
131 92.1 75.5 113.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX030214.D  
 Acq: 26 Jul 2022 16:50

Instrument :  
 MSVOA\_X  
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Tgt Ion:152 Resp: 125888  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 63.4  | 40.5  | 121.5 |
| 150 | 158.5 | 0.0   | 347.0 |

