

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031723\  
 Data File : VX034588.D  
 Acq On : 17 Mar 2023 16:44  
 Operator : JC/MD  
 Sample : PB151466ZHE#09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB151466ZHE#09

Quant Time: Mar 20 00:04:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

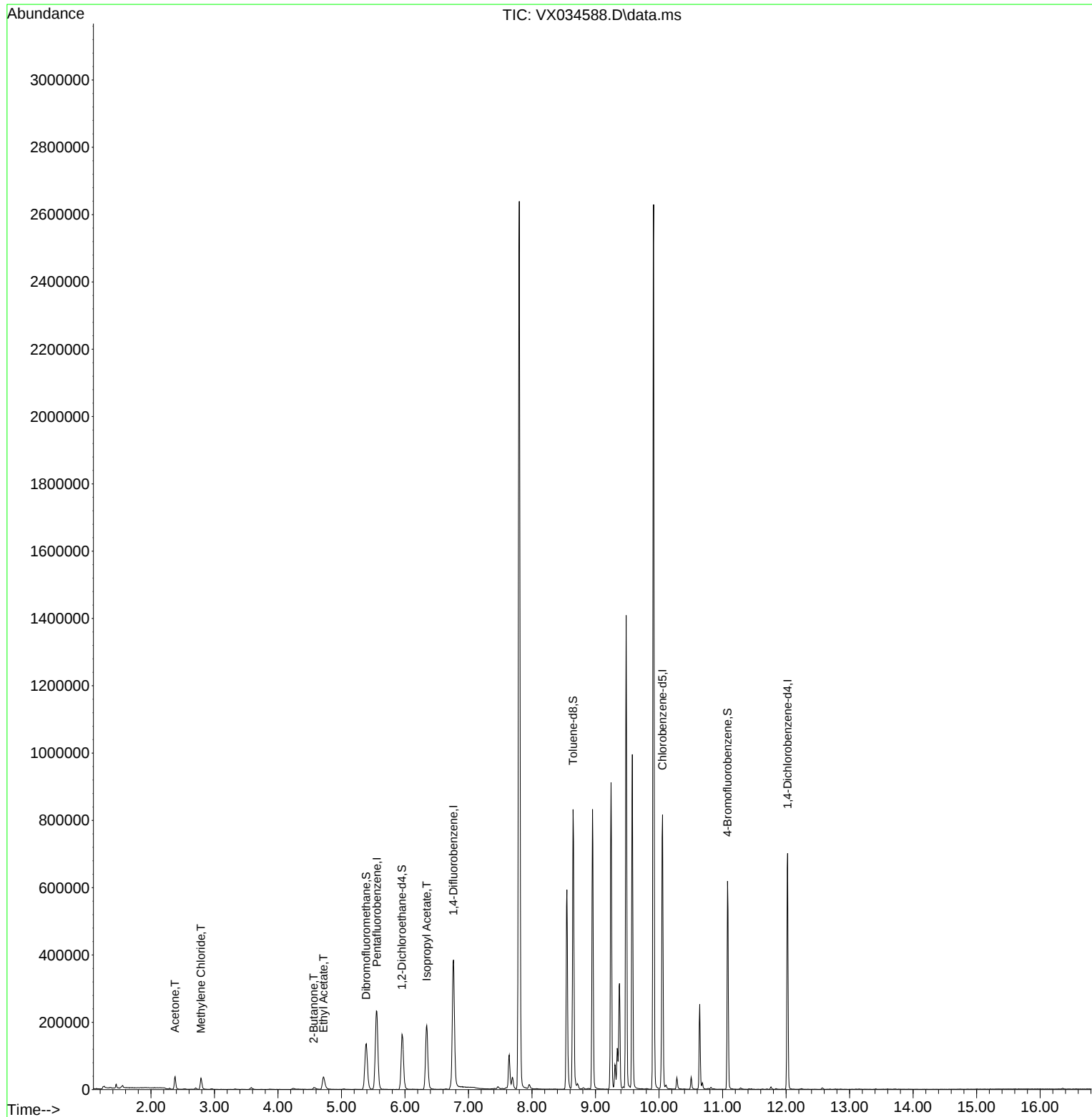
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 220182   | 50.000   | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 378100   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 337698   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 137529   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 152022   | 47.459   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 94.920%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 118802   | 47.589   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.180%  |
| 50) Toluene-d8              | 8.647  | 98    | 465323   | 49.932   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.860%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 159521   | 42.378   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 84.760%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 39648    | 26.277   | ug/l   | 97       |
| 20) Methylene Chloride      | 2.788  | 84    | 14978    | 5.115    | ug/l   | 94       |
| 25) 2-Butanone              | 4.562  | 43    | 11351    | 5.258    | ug/l # | 88       |
| 37) Ethyl Acetate           | 4.715  | 43    | 67419    | 16.095   | ug/l   | 100      |
| 43) Isopropyl Acetate       | 6.342  | 43    | 269301   | 37.950   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

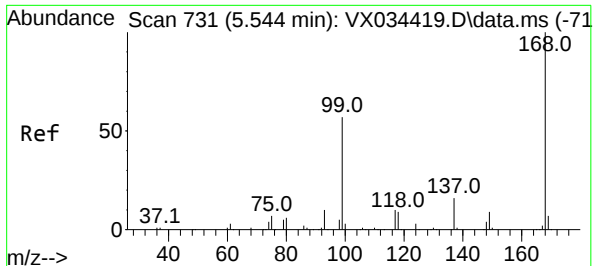
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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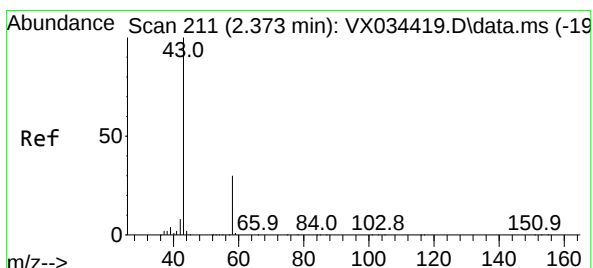
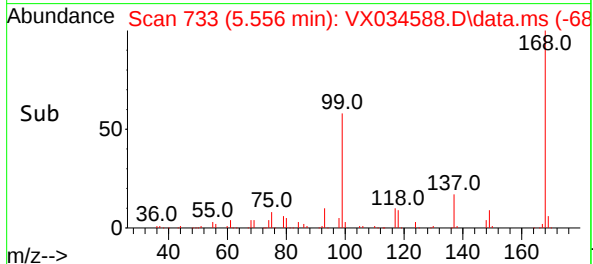
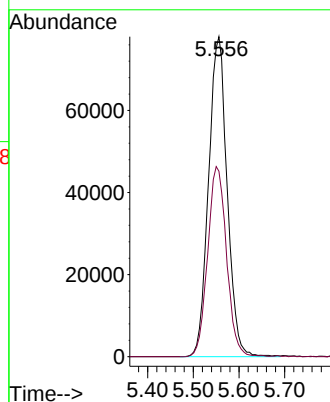
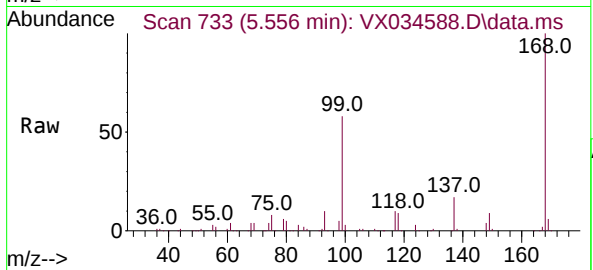




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

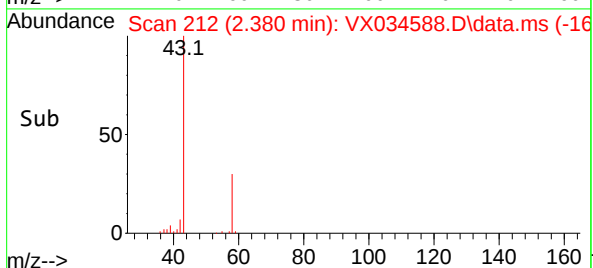
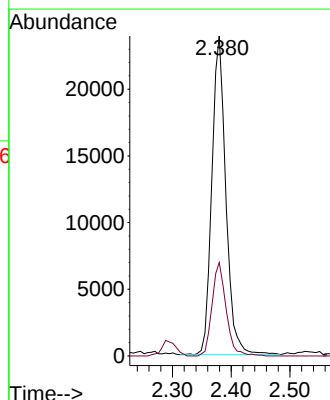
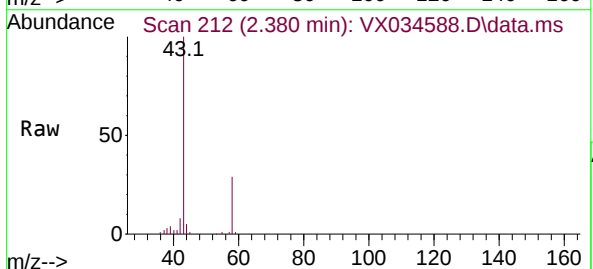
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB151466ZHE#09

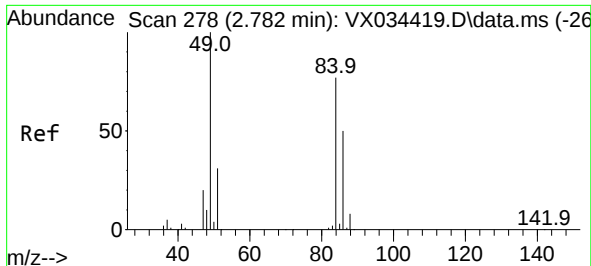
Tgt Ion:168 Resp: 220182  
Ion Ratio Lower Upper  
168 100  
99 57.9 45.7 68.5



#16  
Acetone  
Concen: 26.277 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

Tgt Ion: 43 Resp: 39648  
Ion Ratio Lower Upper  
43 100  
58 29.3 24.7 37.1

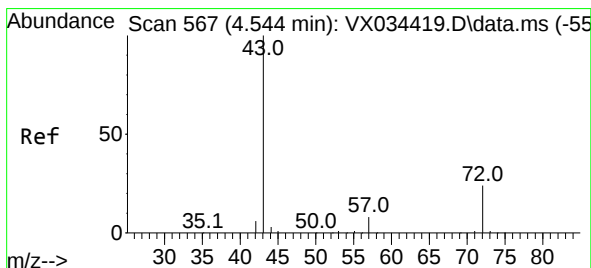
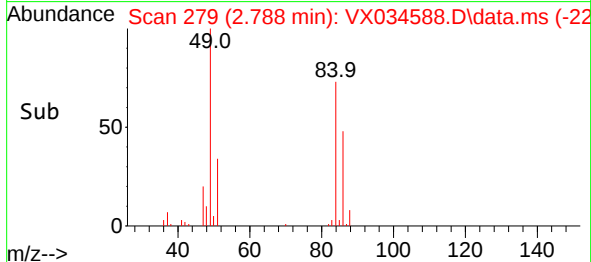
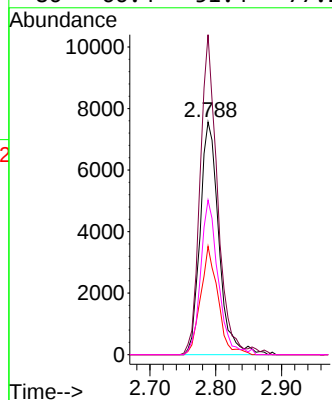
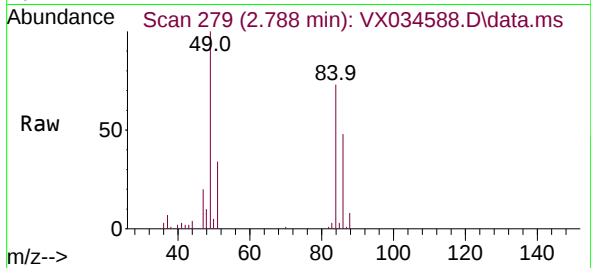




#20  
Methylene Chloride  
Concen: 5.115 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

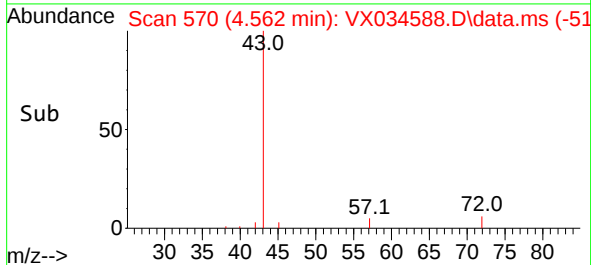
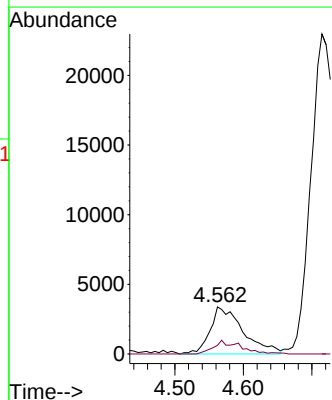
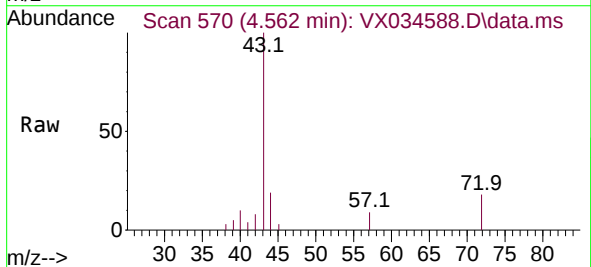
Instrument :  
MSVOA\_X  
ClientSampleId :  
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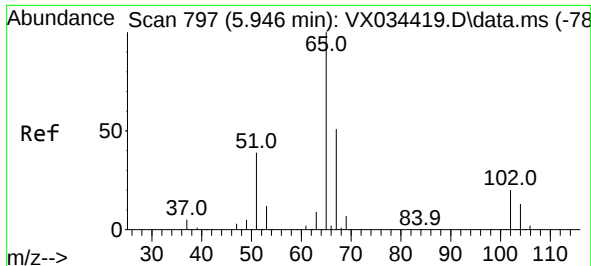
Tgt Ion: 84 Resp: 14978  
Ion Ratio Lower Upper  
84 100  
49 137.5 103.8 155.8  
51 46.5 31.8 47.8  
86 66.4 51.4 77.2



#25  
2-Butanone  
Concen: 5.258 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.018 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

Tgt Ion: 43 Resp: 11351  
Ion Ratio Lower Upper  
43 100  
72 18.2 19.3 28.9#

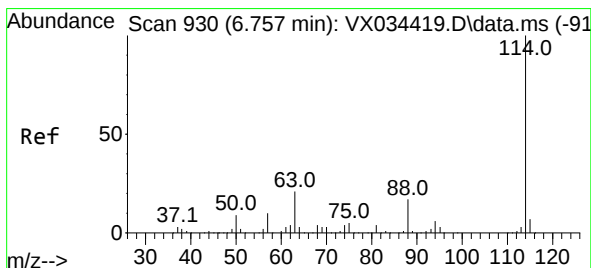
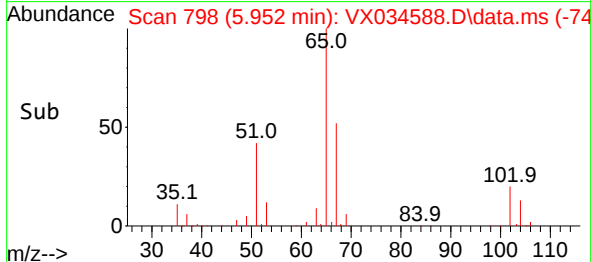
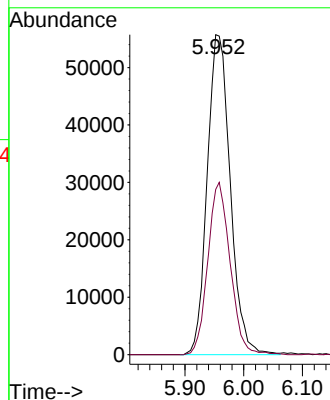
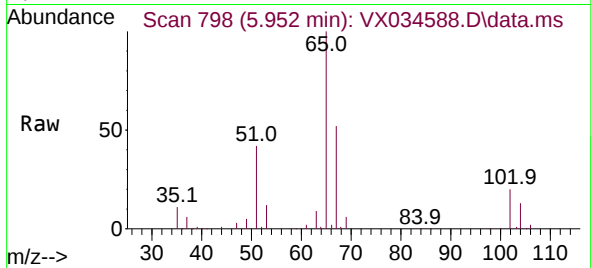




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.459 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX034588.D  
 Acq: 17 Mar 2023 16:44

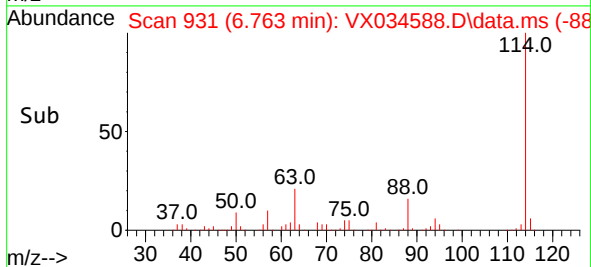
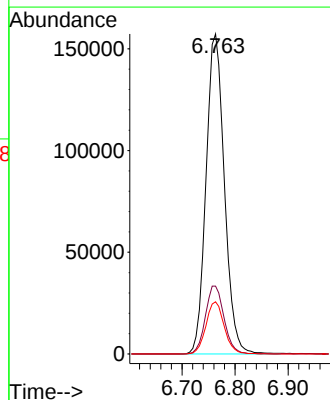
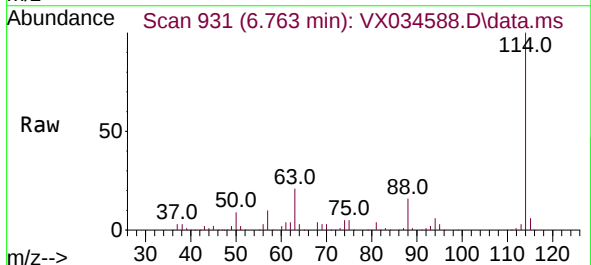
Instrument :  
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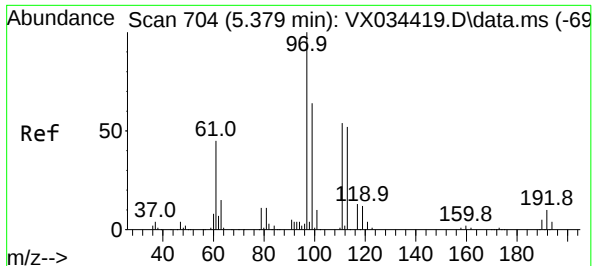
Tgt Ion: 65 Resp: 152022  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: VX034588.D  
 Acq: 17 Mar 2023 16:44

Tgt Ion: 114 Resp: 378100  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 42.2  
 88 16.3 0.0 33.2

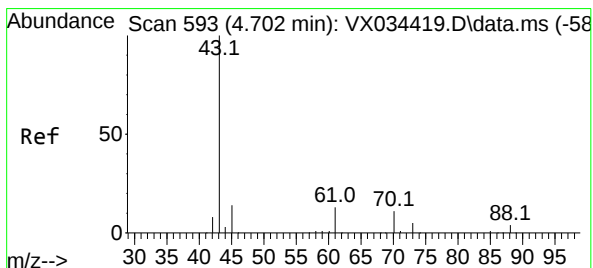
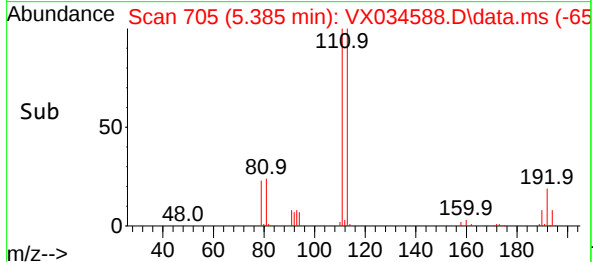
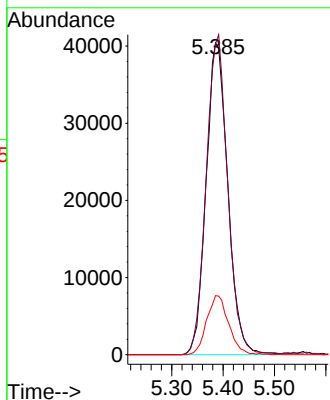
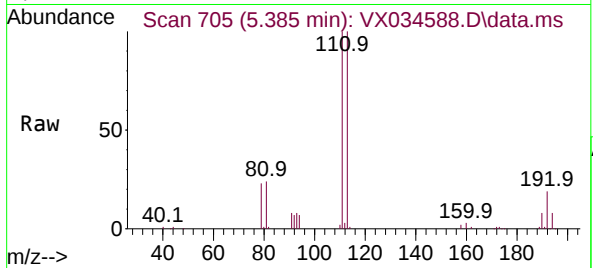




#35  
Dibromofluoromethane  
Concen: 47.589 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

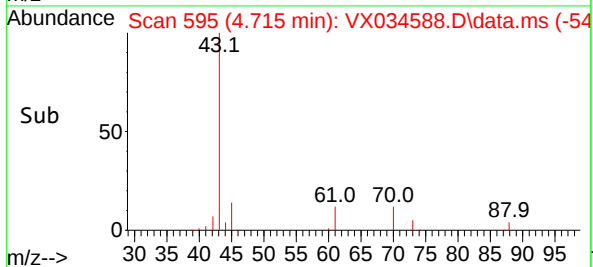
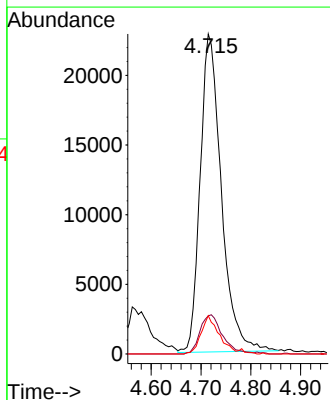
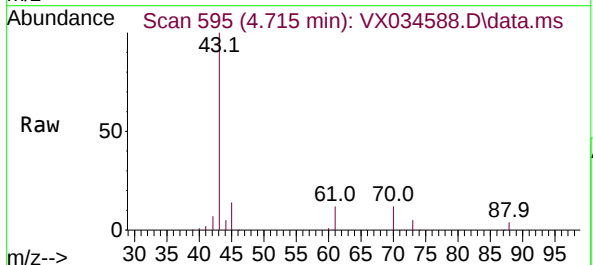
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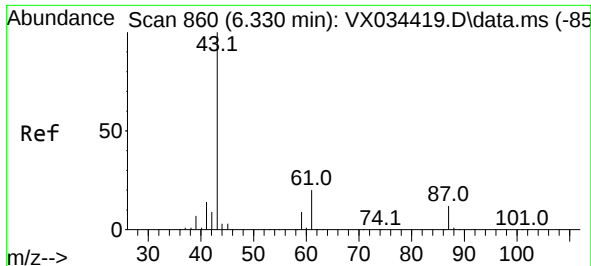
Tgt Ion:113 Resp: 118802  
Ion Ratio Lower Upper  
113 100  
111 101.4 83.7 125.5  
192 19.0 15.4 23.2



#37  
Ethyl Acetate  
Concen: 16.095 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.012 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

Tgt Ion: 43 Resp: 67419  
Ion Ratio Lower Upper  
43 100  
61 13.0 10.2 15.4  
70 10.3 8.2 12.4

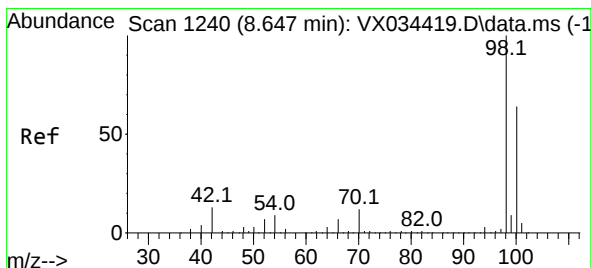
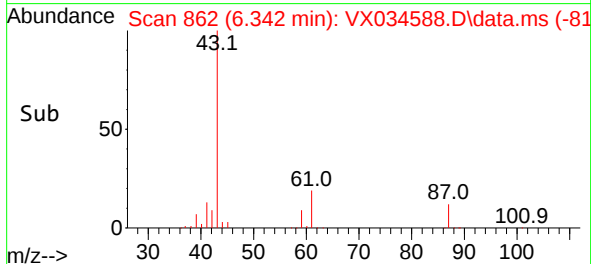
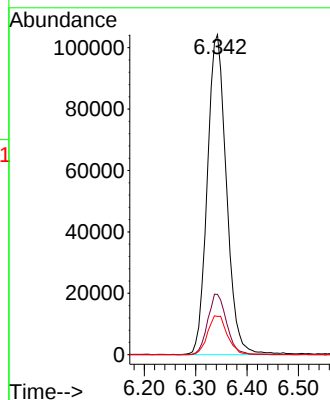
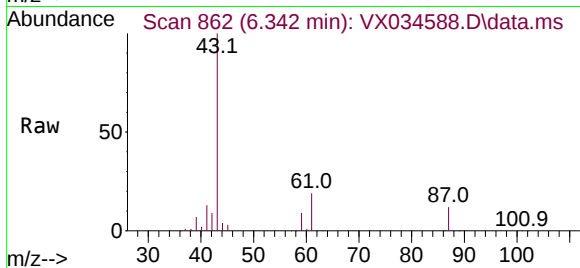




#43  
Isopropyl Acetate  
Concen: 37.950 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.012 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

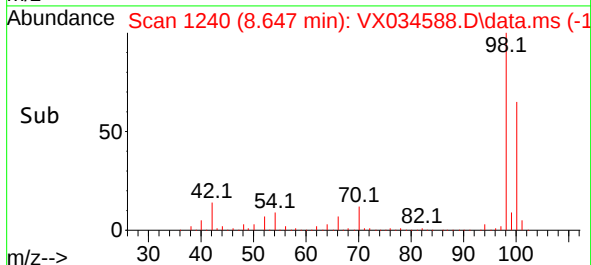
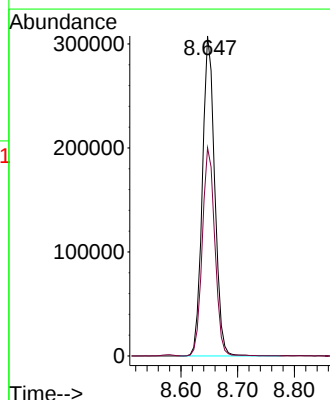
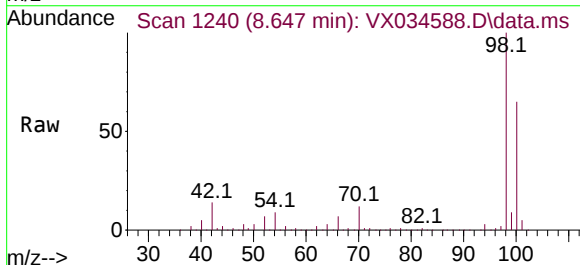
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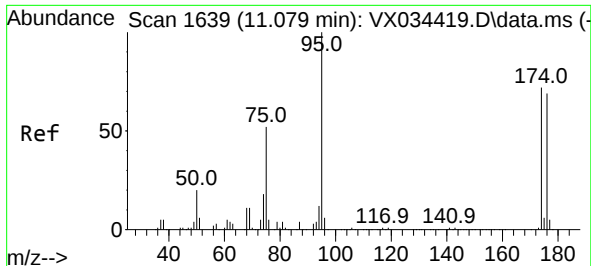
Tgt Ion: 43 Resp: 269301  
Ion Ratio Lower Upper  
43 100  
61 18.7 15.2 22.8  
87 12.5 9.8 14.8



#50  
Toluene-d8  
Concen: 49.932 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

Tgt Ion: 98 Resp: 465323  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.5 78.7

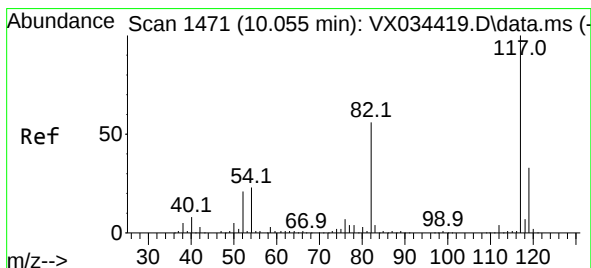
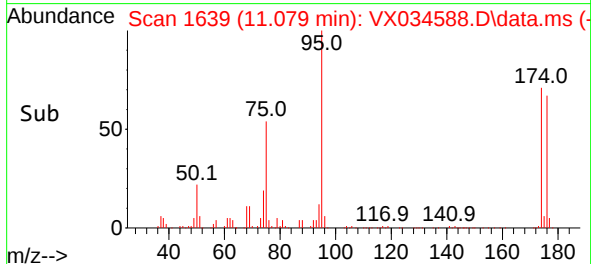
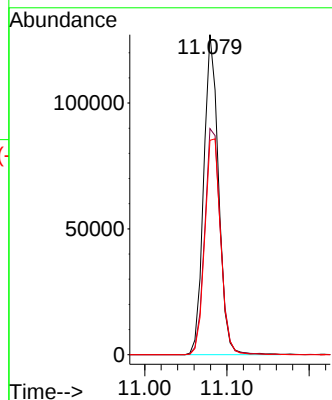
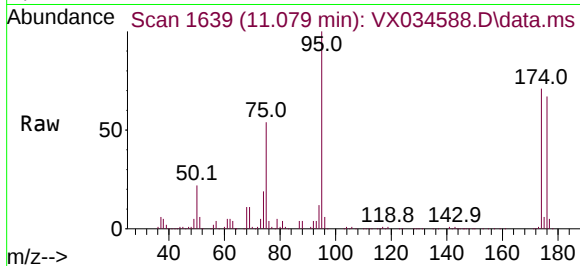




#62  
4-Bromofluorobenzene  
Concen: 42.378 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

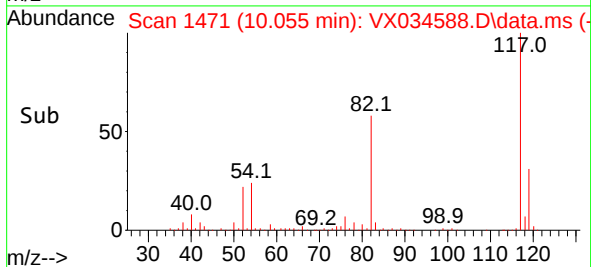
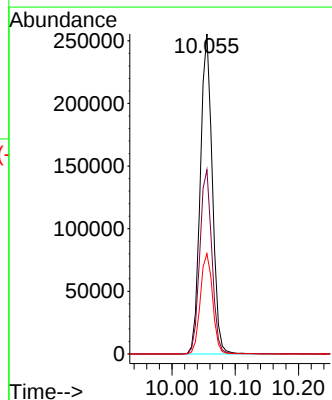
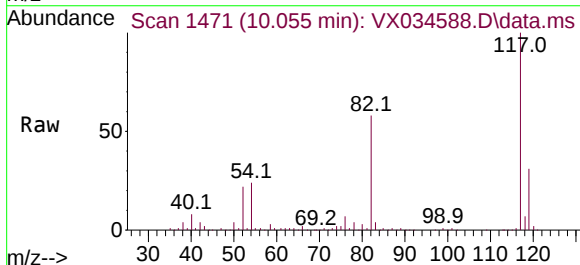
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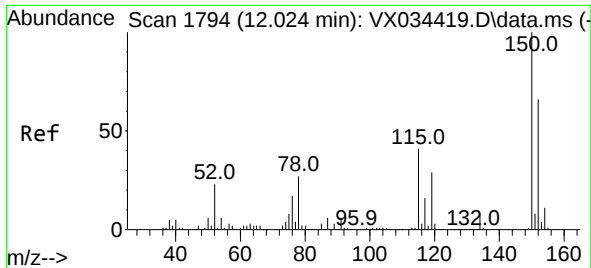
Tgt Ion: 95 Resp: 159521  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 147.4  
176 72.5 0.0 140.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034588.D  
Acq: 17 Mar 2023 16:44

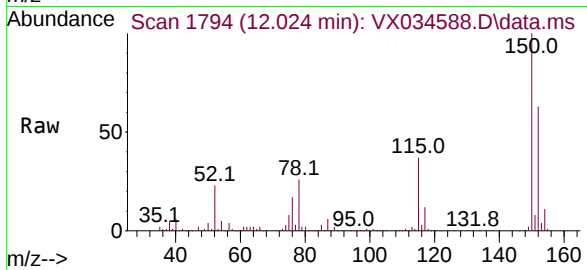
Tgt Ion: 117 Resp: 337698  
Ion Ratio Lower Upper  
117 100  
82 57.6 45.0 67.4  
119 31.4 26.0 39.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX034588.D  
 Acq: 17 Mar 2023 16:44

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB151466ZHE#09



Tgt Ion:152 Resp: 137529  
 Ion Ratio Lower Upper  
 152 100  
 115 60.9 45.0 135.0  
 150 158.5 0.0 352.4

