

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080724\  
 Data File : VX042892.D  
 Acq On : 07 Aug 2024 01:43  
 Operator : JC/MD  
 Sample : P3448-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP3

Quant Time: Aug 07 06:31:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 07 02:55:22 2024  
 Response via : Initial Calibration

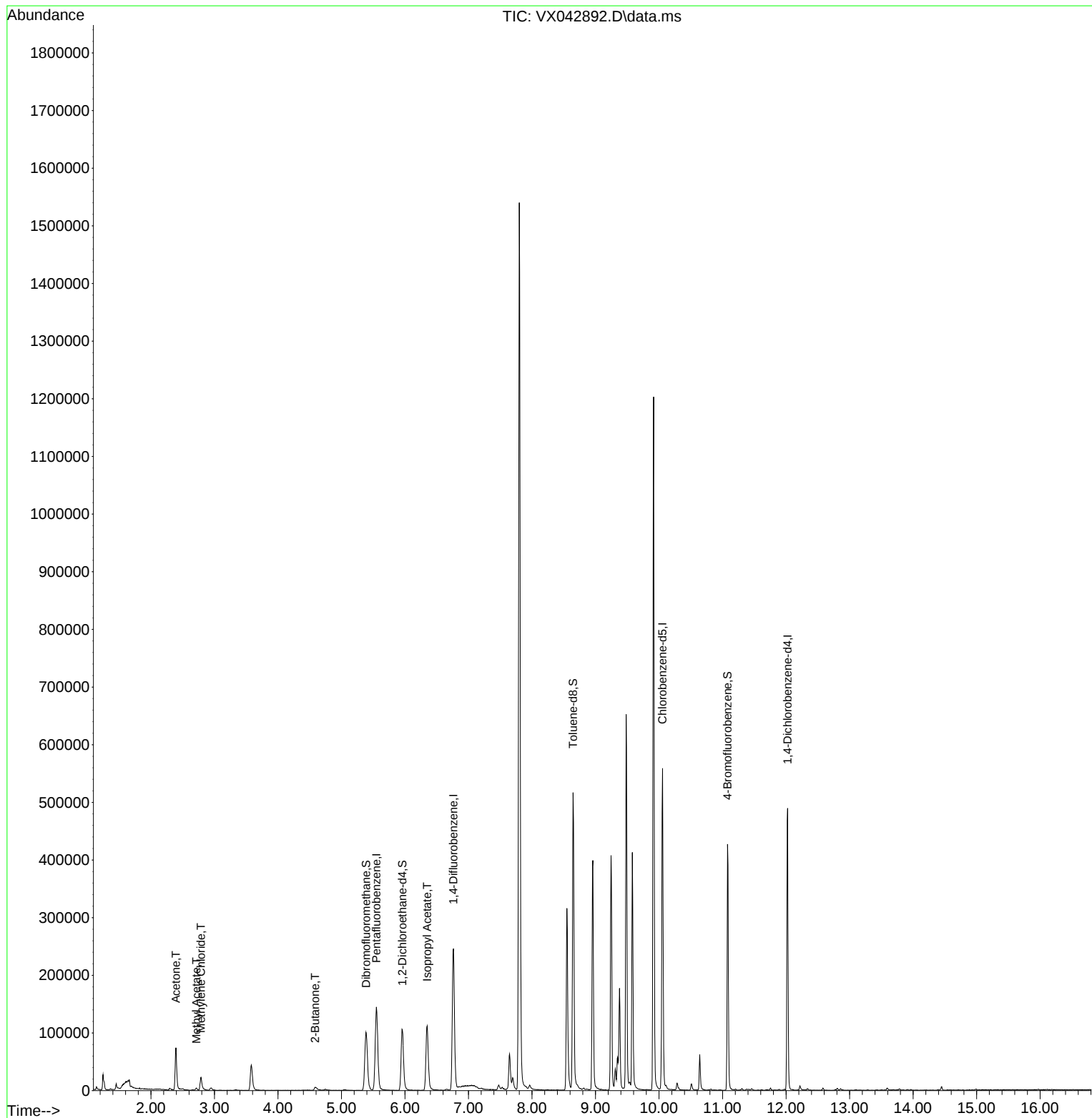
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 136976   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 261160   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 256093   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 105032   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 108874   | 57.899   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 115.800% |
| 35) Dibromofluoromethane    | 5.385     | 113   | 91939    | 53.841   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 107.680% |
| 50) Toluene-d8              | 8.647     | 98    | 320574   | 52.882   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 105.760% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 116286   | 53.382   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 106.760% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.392     | 43    | 84052    | 103.054  | ug/l   | 99       |
| 18) Methyl Acetate          | 2.715     | 43    | 5126     | 1.982    | ug/l   | 98       |
| 20) Methylene Chloride      | 2.788     | 84    | 12913    | 6.796    | ug/l # | 86       |
| 25) 2-Butanone              | 4.586     | 43    | 11660    | 9.103    | ug/l # | 86       |
| 43) Isopropyl Acetate       | 6.348     | 43    | 157306   | 36.720   | ug/l   | 97       |
| -----                       |           |       |          |          |        |          |

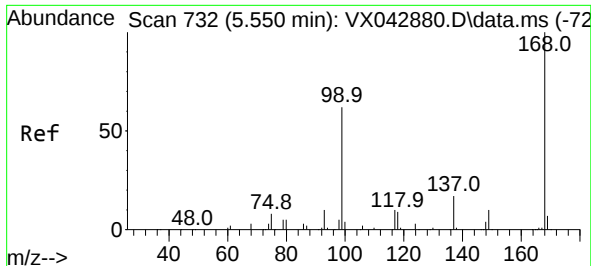
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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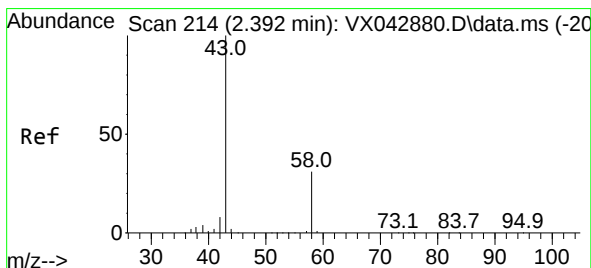
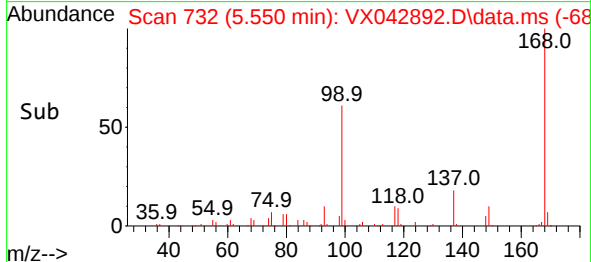
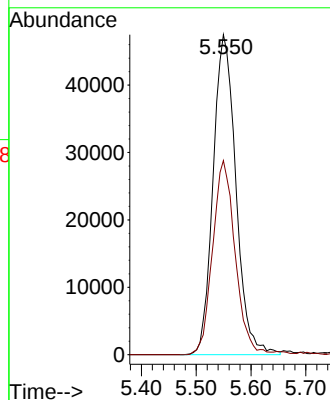
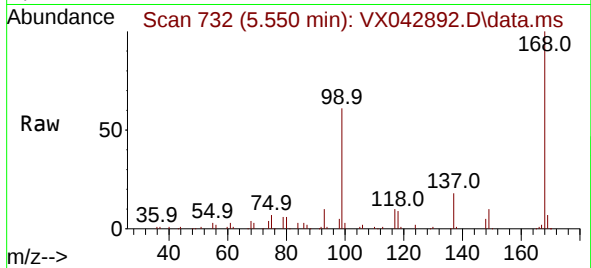




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

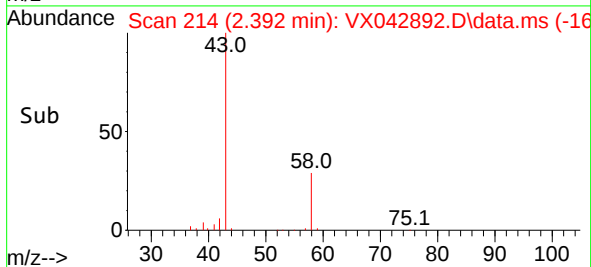
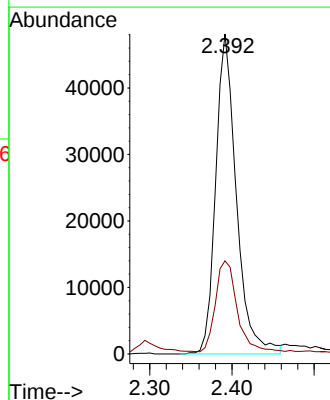
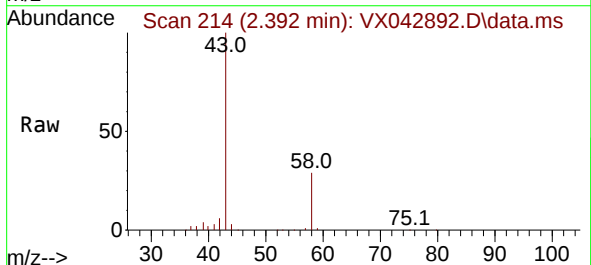
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP3

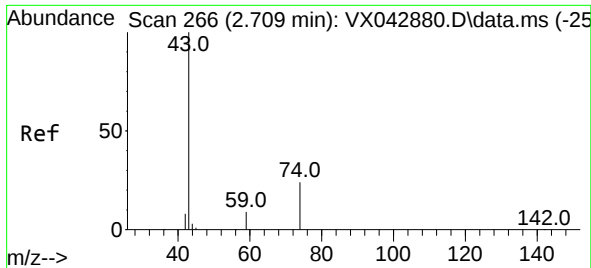
Tgt Ion:168 Resp: 136976  
Ion Ratio Lower Upper  
168 100  
99 60.7 56.6 85.0



#16  
Acetone  
Concen: 103.054 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

Tgt Ion: 43 Resp: 84052  
Ion Ratio Lower Upper  
43 100  
58 28.2 21.9 32.9





#18

Methyl Acetate

Concen: 1.982 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX042892.D

Acq: 07 Aug 2024 01:43

Instrument :

MSVOA\_X

ClientSampleId :

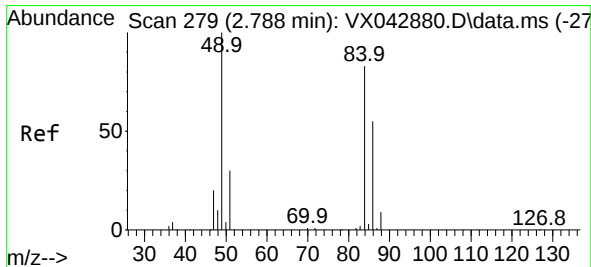
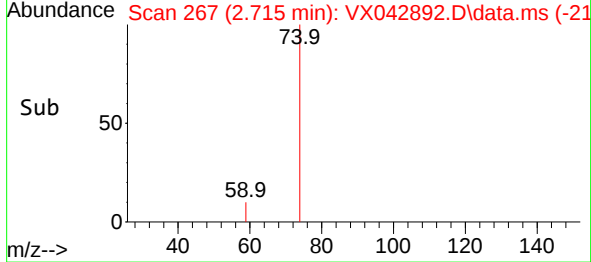
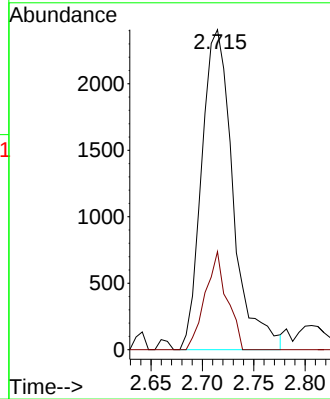
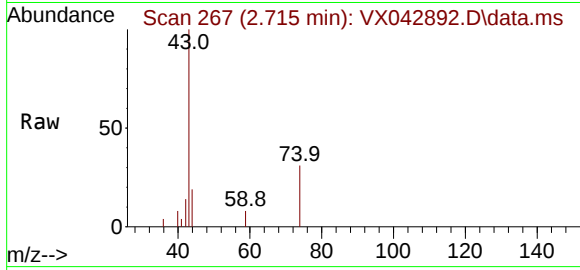
TP3

Tgt Ion: 43 Resp: 5126

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.8



#20

Methylene Chloride

Concen: 6.796 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX042892.D

Acq: 07 Aug 2024 01:43

Tgt Ion: 84 Resp: 12913

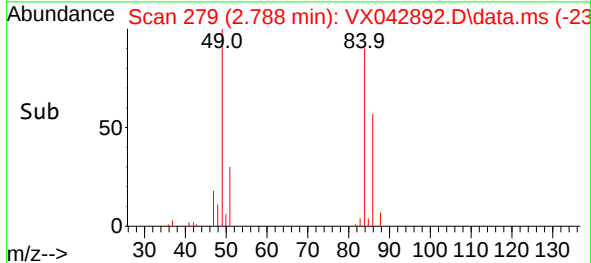
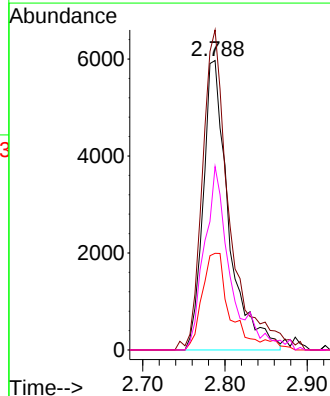
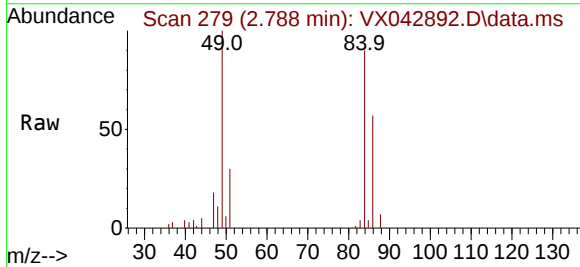
Ion Ratio Lower Upper

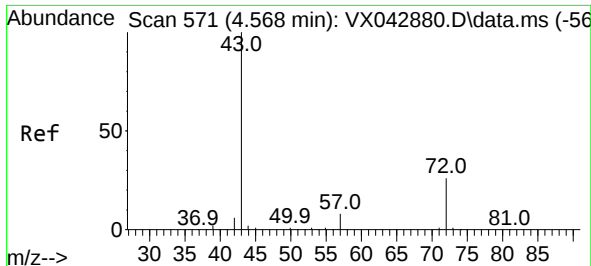
84 100

49 107.6 103.6 155.4

51 33.4 33.8 50.6#

86 63.3 49.4 74.0

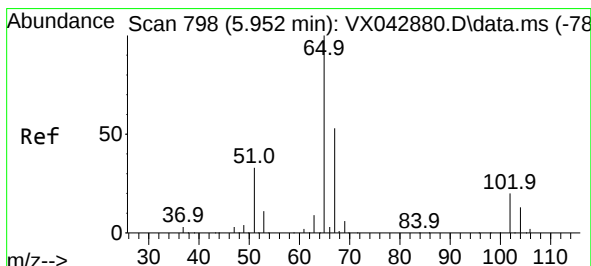
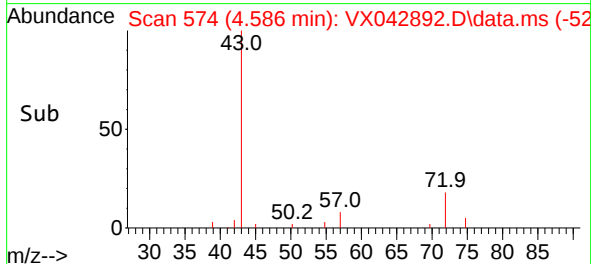
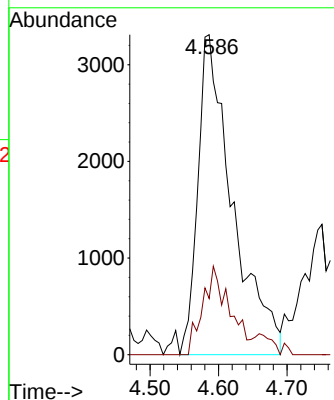
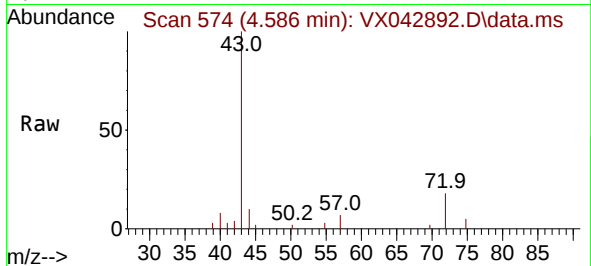




#25  
2-Butanone  
Concen: 9.103 ug/l  
RT: 4.586 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

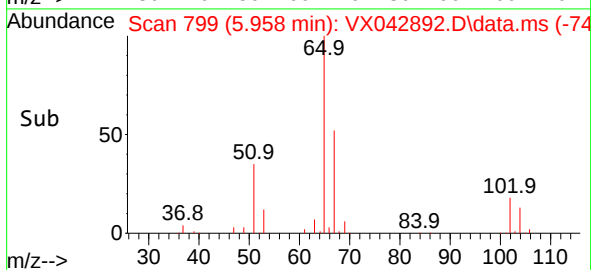
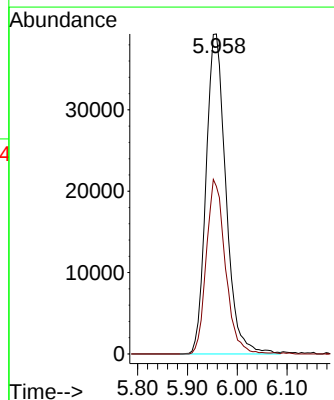
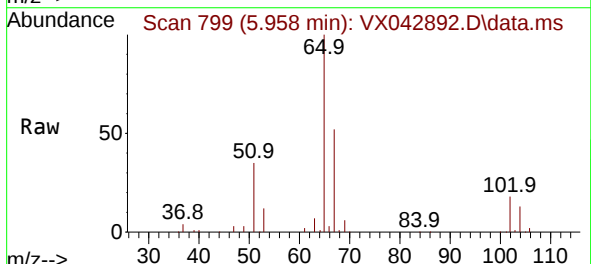
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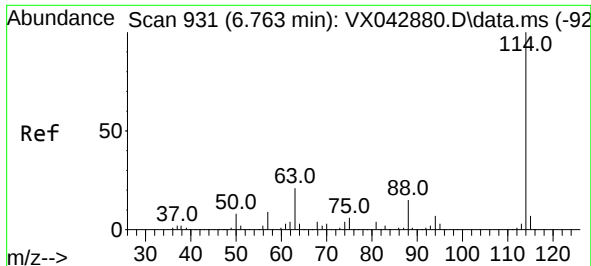
Tgt Ion: 43 Resp: 11660  
Ion Ratio Lower Upper  
43 100  
72 17.6 19.4 29.2#



#33  
1,2-Dichloroethane-d4  
Concen: 57.899 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

Tgt Ion: 65 Resp: 108874  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 100.2

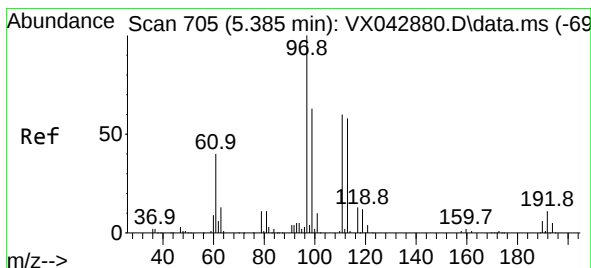
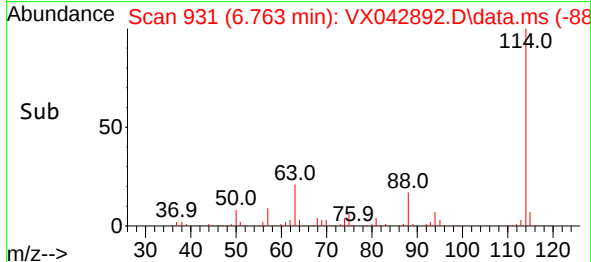
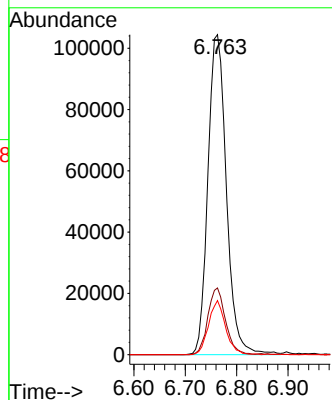
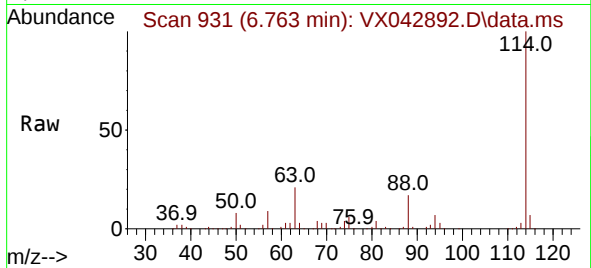




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

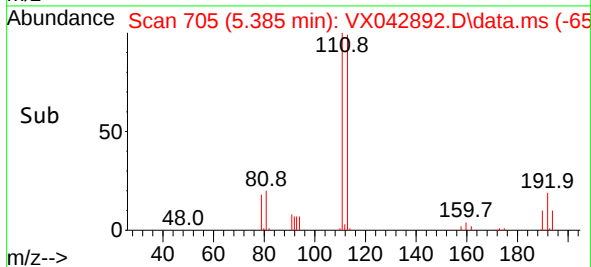
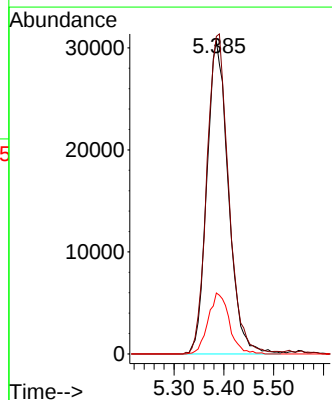
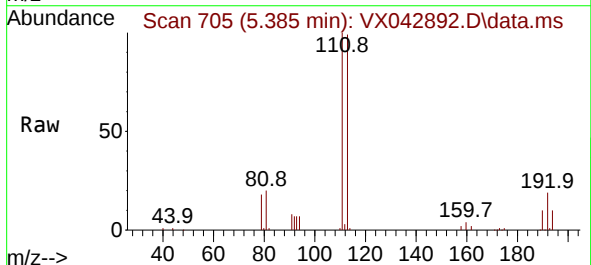
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP3

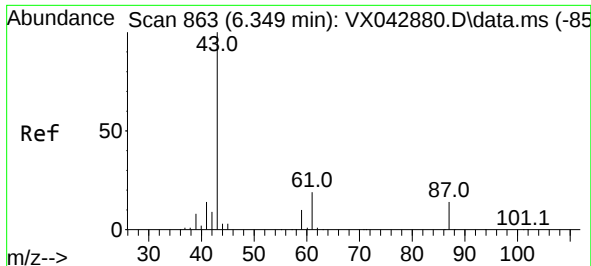
Tgt Ion:114 Resp: 261160  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 45.0  
88 16.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 53.841 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

Tgt Ion:113 Resp: 91939  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.9 124.3  
192 19.1 13.3 19.9

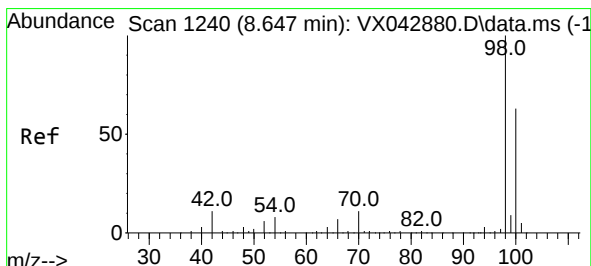
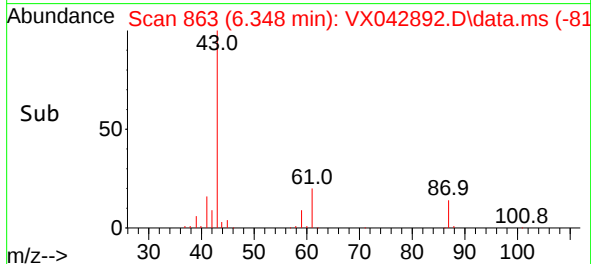
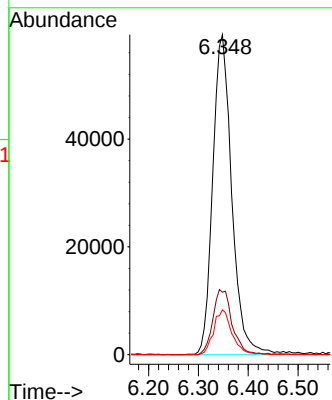
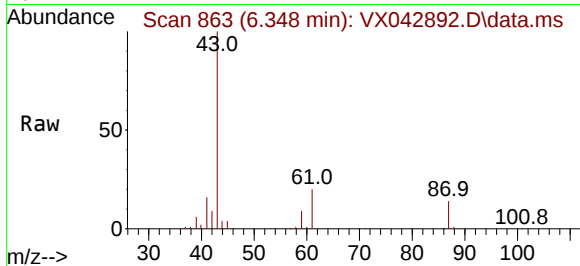




#43  
Isopropyl Acetate  
Concen: 36.720 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

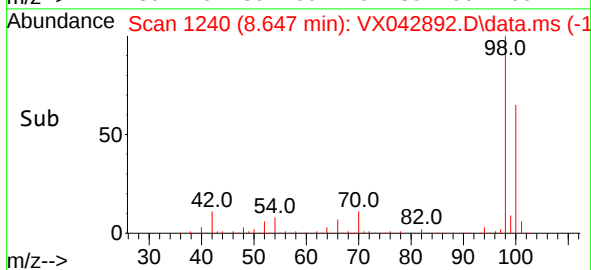
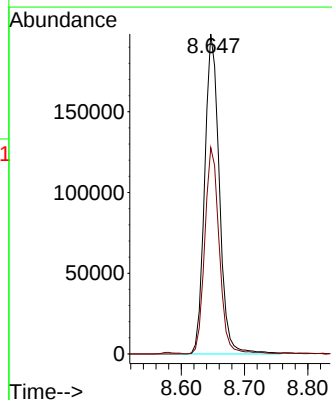
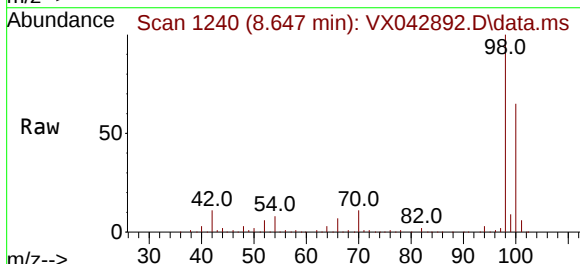
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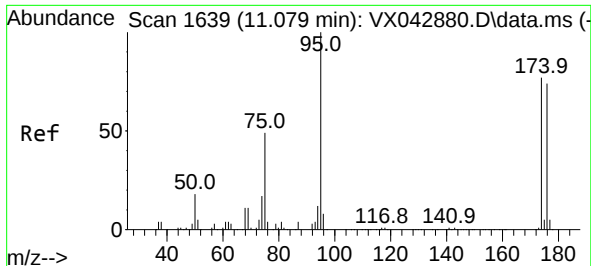
Tgt Ion: 43 Resp: 157306  
Ion Ratio Lower Upper  
43 100  
61 20.6 15.2 22.8  
87 13.4 9.8 14.6



#50  
Toluene-d8  
Concen: 52.882 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

Tgt Ion: 98 Resp: 320574  
Ion Ratio Lower Upper  
98 100  
100 63.5 53.1 79.7

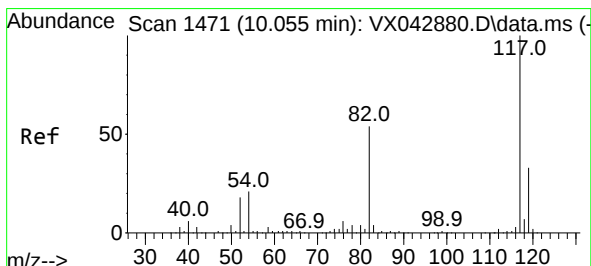
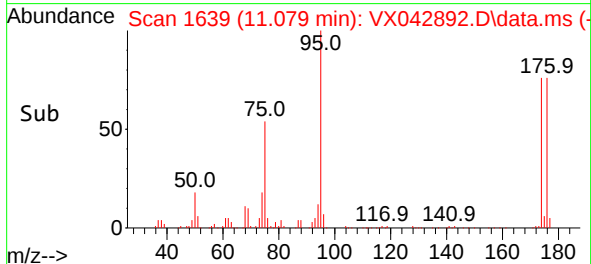
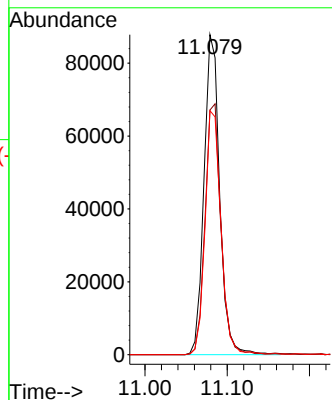
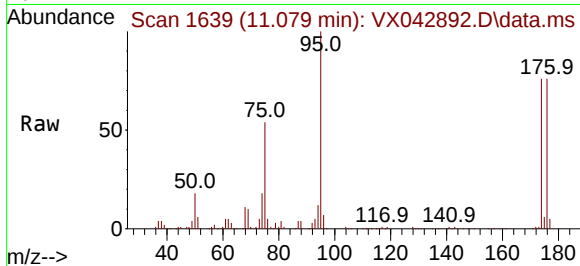




#62  
4-Bromofluorobenzene  
Concen: 53.382 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

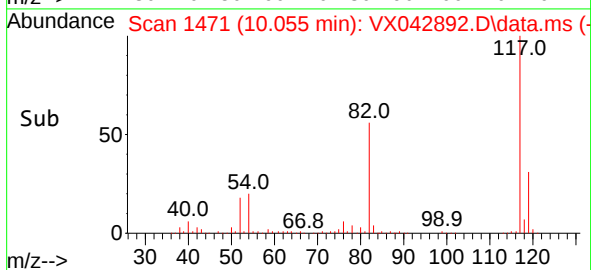
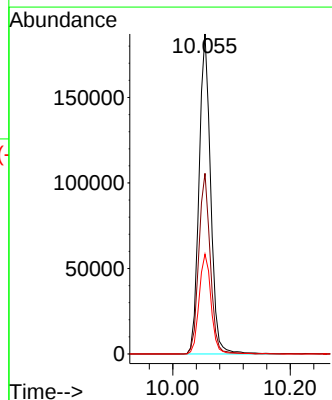
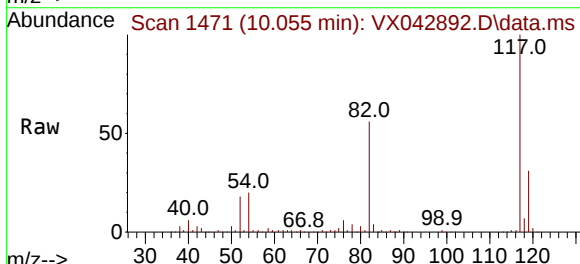
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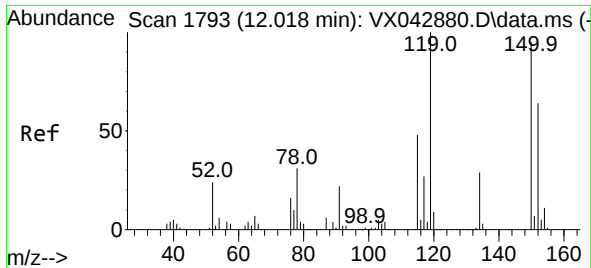
Tgt Ion: 95 Resp: 116286  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 135.6  
176 77.5 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX042892.D  
Acq: 07 Aug 2024 01:43

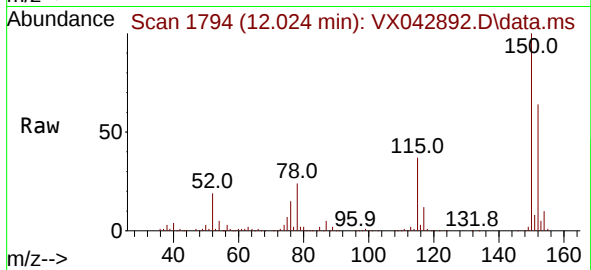
Tgt Ion: 117 Resp: 256093  
Ion Ratio Lower Upper  
117 100  
82 56.5 46.2 69.4  
119 31.2 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX042892.D  
 Acq: 07 Aug 2024 01:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP3



Tgt Ion:152 Resp: 105032  
 Ion Ratio Lower Upper  
 152 100  
 115 60.6 43.3 129.9  
 150 158.3 0.0 345.0

