

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080824\  
 Data File : VX042974.D  
 Acq On : 09 Aug 2024 06:03  
 Operator : JC/MD  
 Sample : P3515-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW6-7-HYD-20240806

Quant Time: Aug 09 08:35:03 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

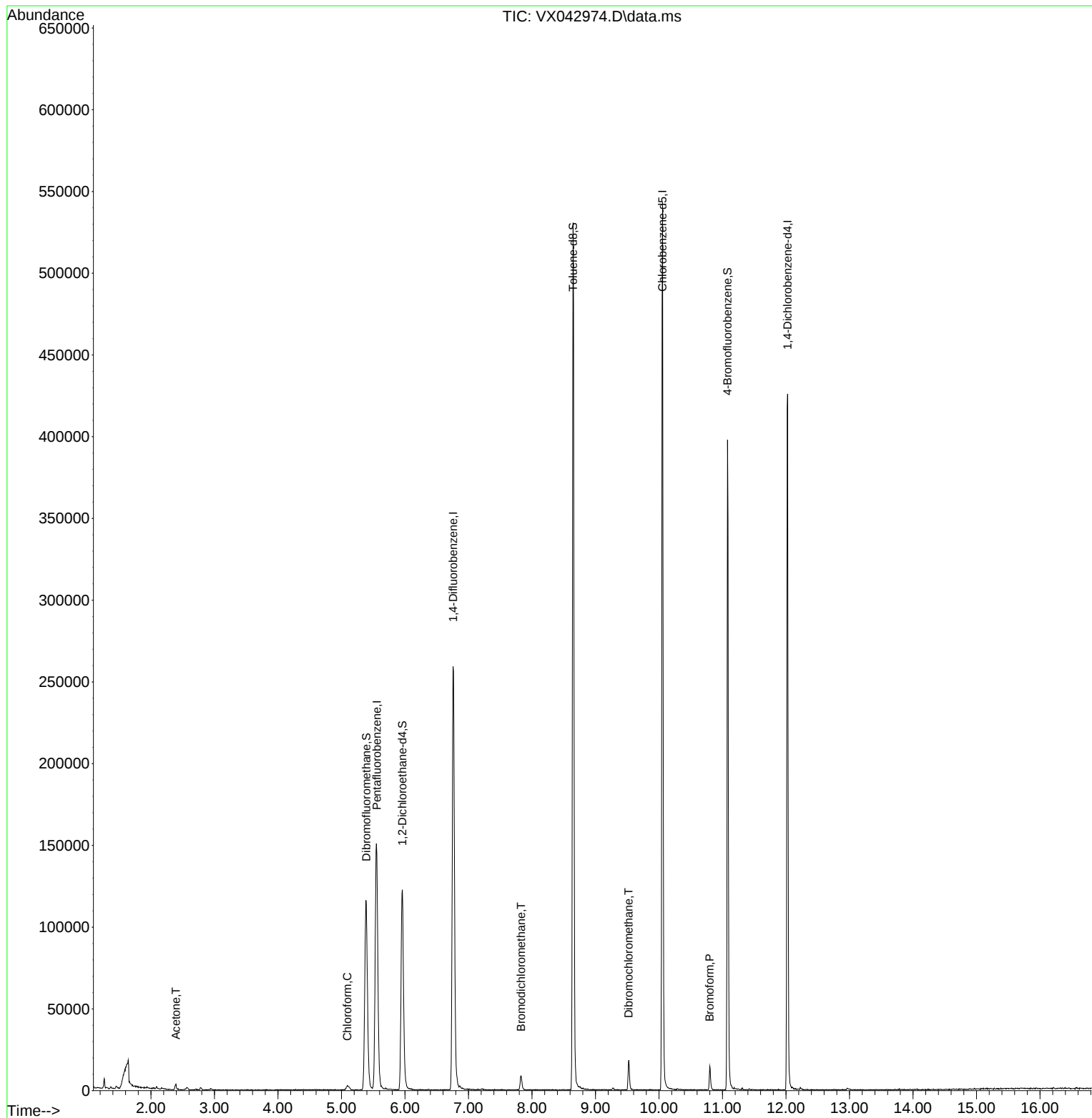
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 5.556  | 168   | 144647   | 50.000   | ug/l   | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 274310   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 248422   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 93031    | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 125282   | 63.092   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 126.180%# |
| 35) Dibromofluoromethane    | 5.391  | 113   | 102963   | 57.407   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 114.820%  |
| 50) Toluene-d8              | 8.647  | 98    | 326072   | 51.211   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 102.420%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 107556   | 47.008   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 94.020%   |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 16) Acetone                 | 2.392  | 43    | 3424     | 3.975    | ug/l   | # 70      |
| 30) Chloroform              | 5.093  | 83    | 3565     | 1.119    | ug/l   | 94        |
| 47) Bromodichloromethane    | 7.830  | 83    | 6238     | 2.388    | ug/l   | # 94      |
| 60) Dibromochloromethane    | 9.519  | 129   | 8847     | 4.327    | ug/l   | 96        |
| 71) Bromoform               | 10.799 | 173   | 5575     | 4.506    | ug/l   | # 100     |
| -----                       |        |       |          |          |        |           |

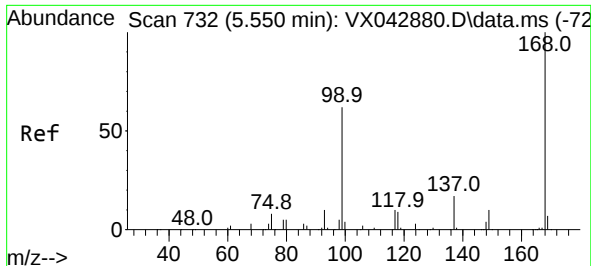
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

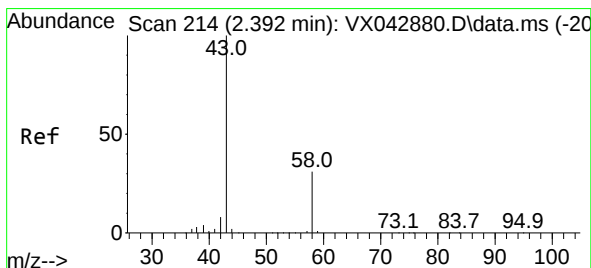
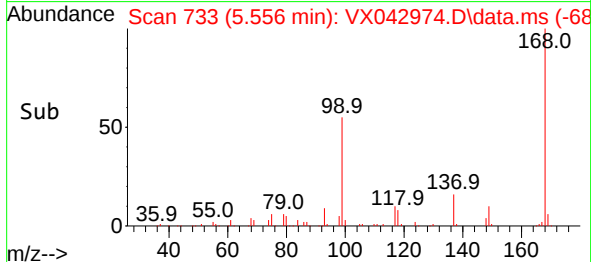
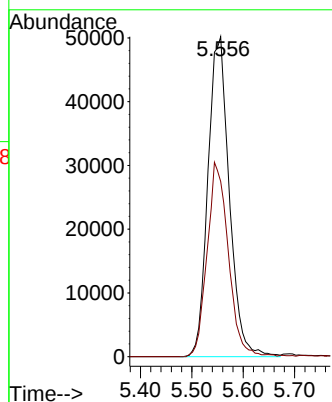
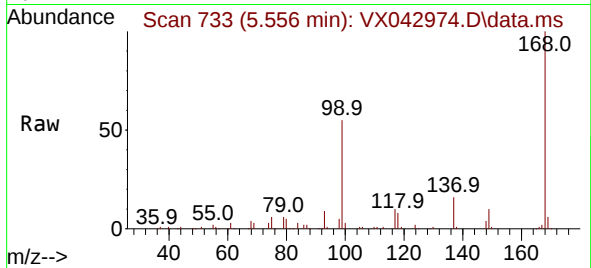




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

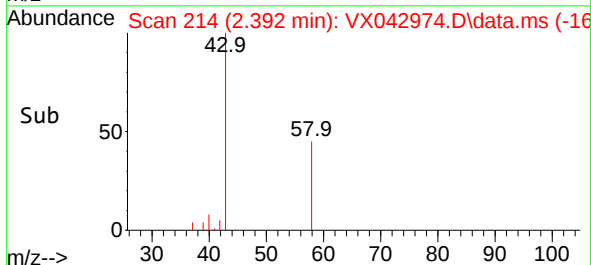
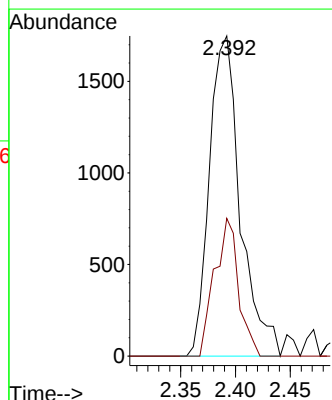
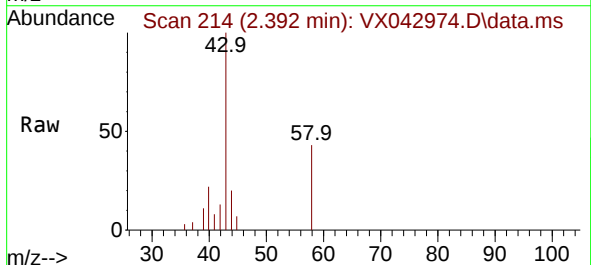
Instrument :  
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ClientSampleId :  
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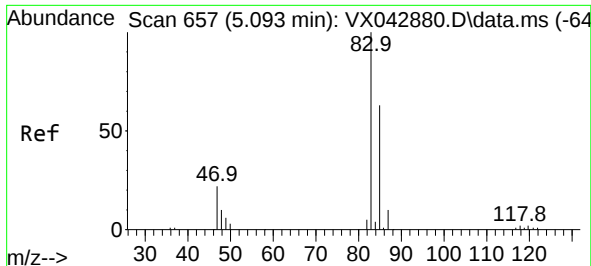
Tgt Ion:168 Resp: 144647  
Ion Ratio Lower Upper  
168 100  
99 54.7 56.6 85.0#



#16  
Acetone  
Concen: 3.975 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

Tgt Ion: 43 Resp: 3424  
Ion Ratio Lower Upper  
43 100  
58 43.0 21.9 32.9#





#30

Chloroform

Concen: 1.119 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX042974.D

Acq: 09 Aug 2024 06:03

Instrument :

MSVOA\_X

ClientSampleId :

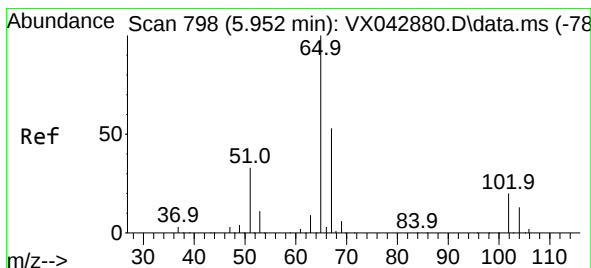
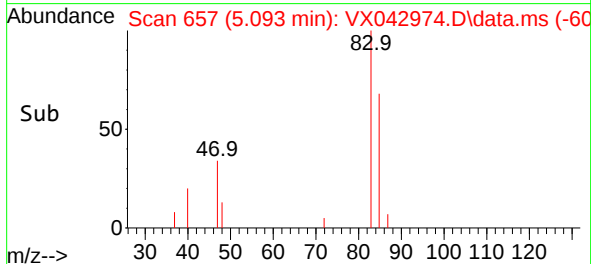
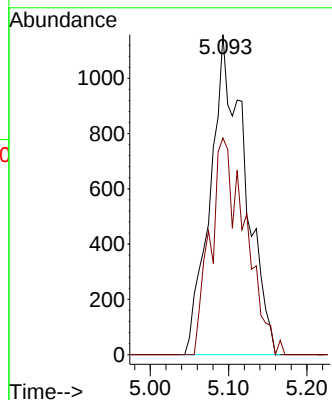
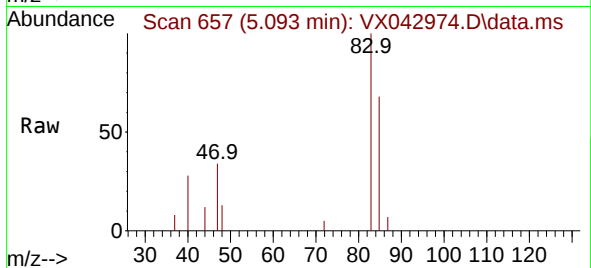
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Tgt Ion: 83 Resp: 3565

Ion Ratio Lower Upper

83 100

85 67.7 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 63.092 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX042974.D

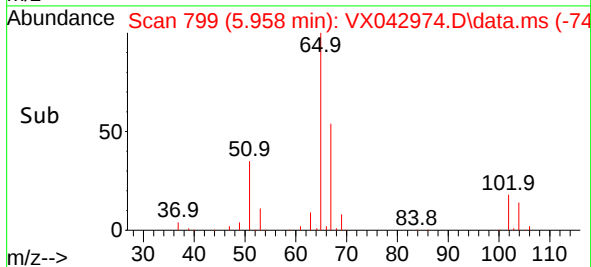
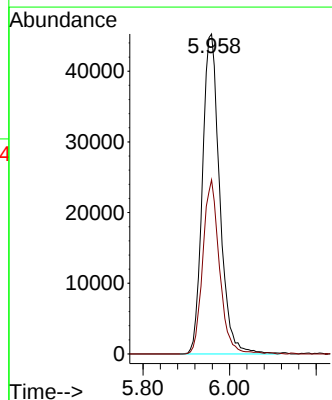
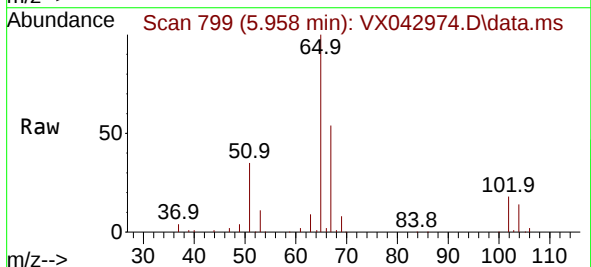
Acq: 09 Aug 2024 06:03

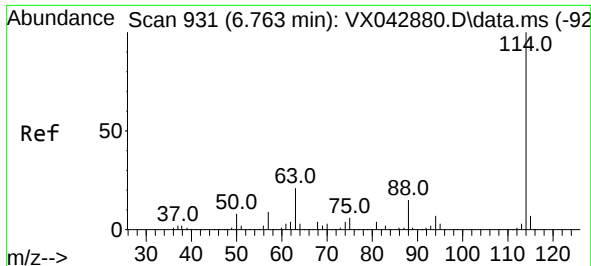
Tgt Ion: 65 Resp: 125282

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2

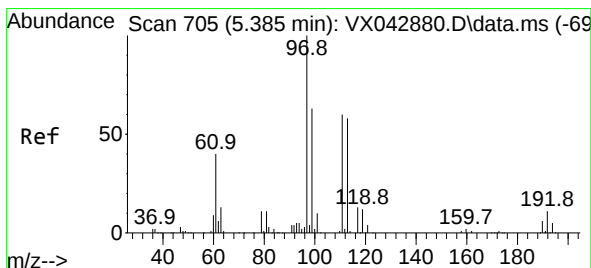
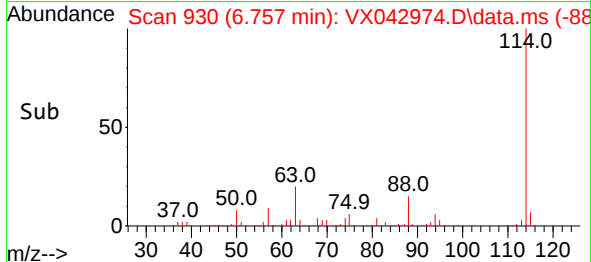
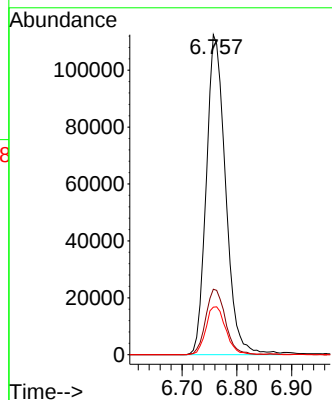
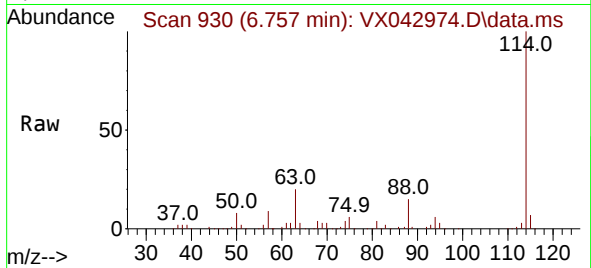




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

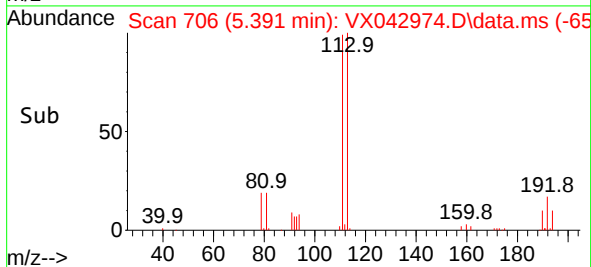
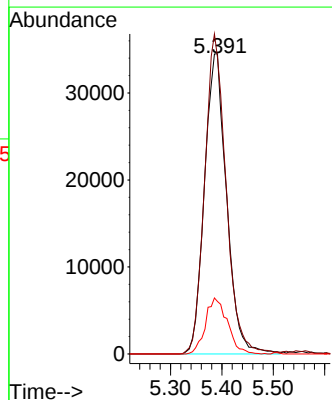
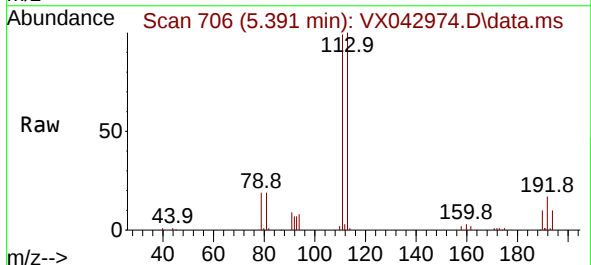
Instrument :  
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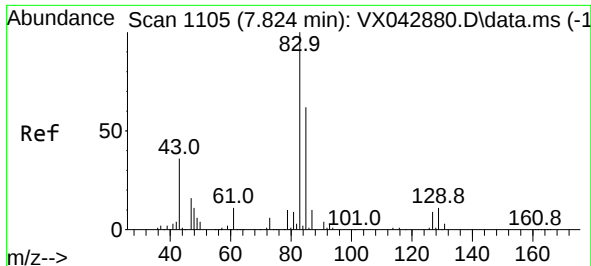
Tgt Ion:114 Resp: 274310  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 45.0  
88 14.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 57.407 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

Tgt Ion:113 Resp: 102963  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.9 124.3  
192 18.6 13.3 19.9

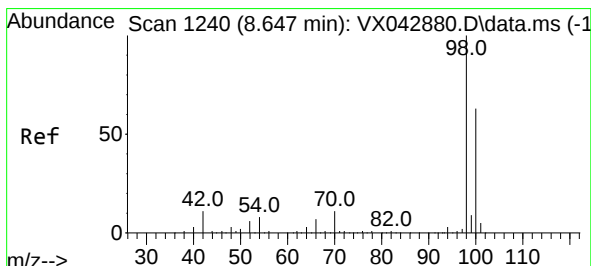
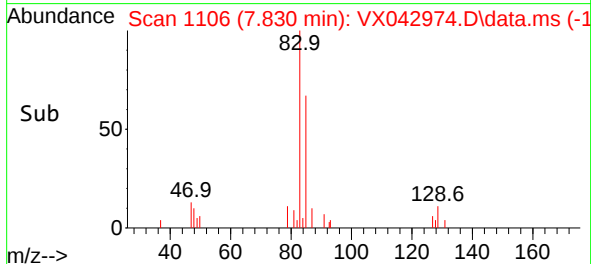
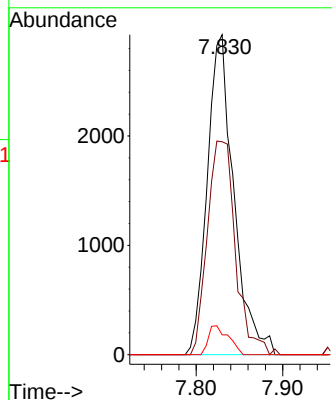
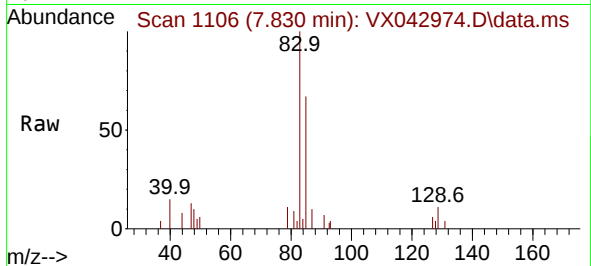




#47  
Bromodichloromethane  
Concen: 2.388 ug/l  
RT: 7.830 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

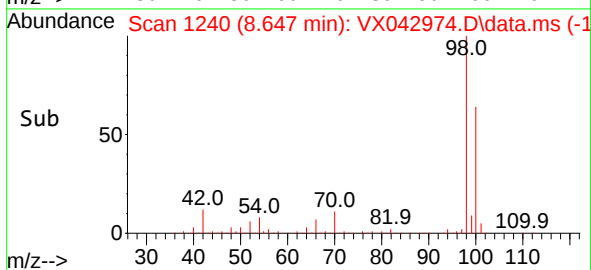
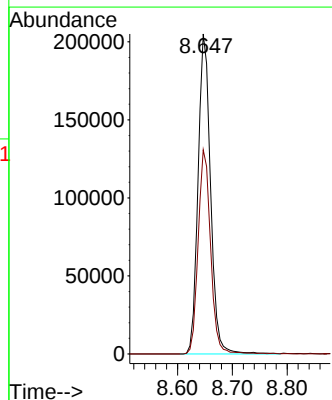
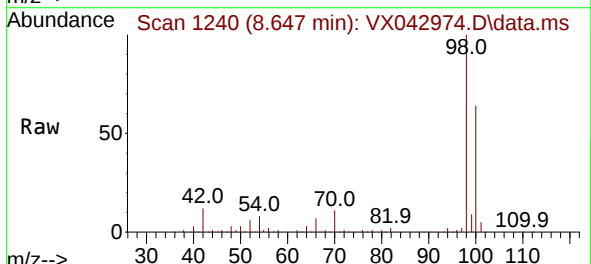
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-7-HYD-20240806

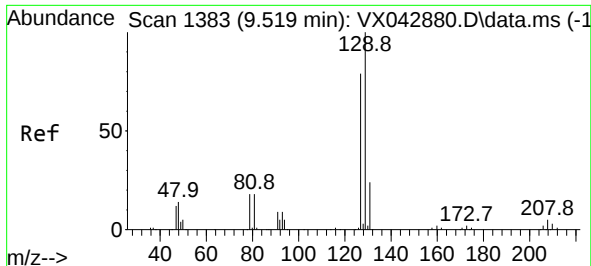
Tgt Ion: 83 Resp: 6238  
Ion Ratio Lower Upper  
83 100  
85 66.6 49.8 74.6  
127 6.2 7.1 10.7#



#50  
Toluene-d8  
Concen: 51.211 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

Tgt Ion: 98 Resp: 326072  
Ion Ratio Lower Upper  
98 100  
100 63.7 53.1 79.7

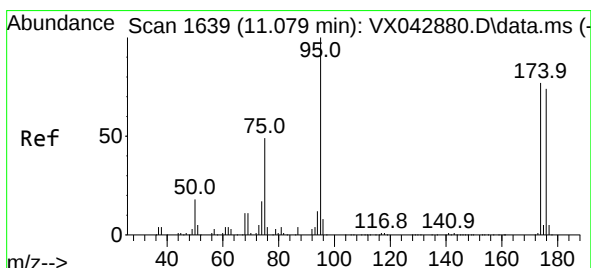
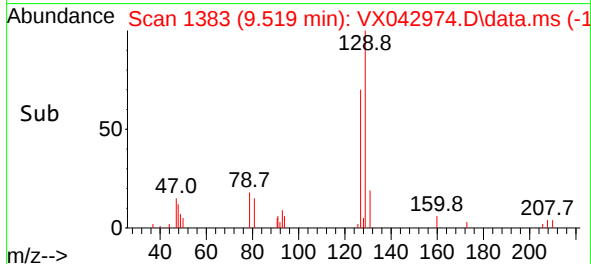
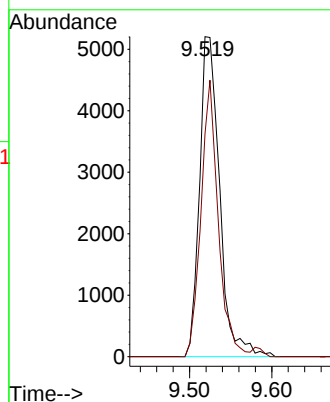
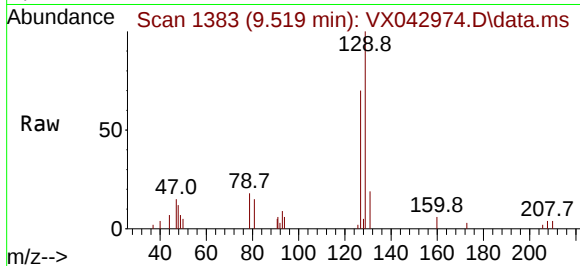




#60  
Dibromochloromethane  
Concen: 4.327 ug/l  
RT: 9.519 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

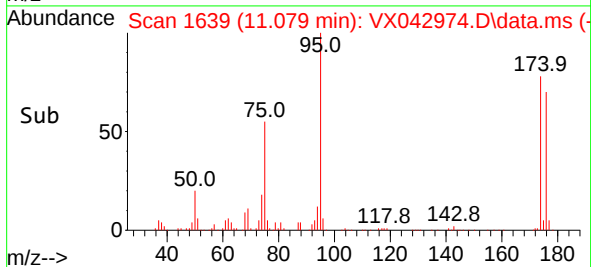
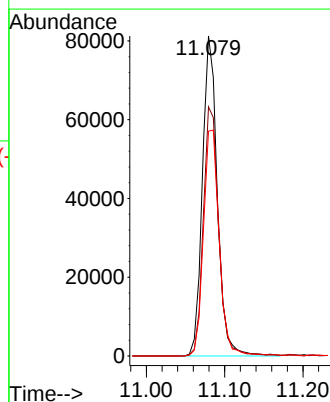
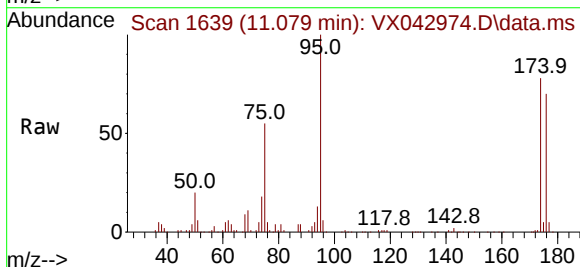
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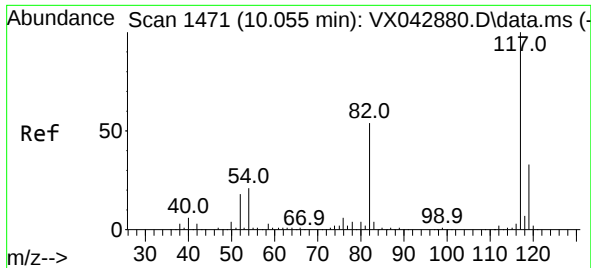
Tgt Ion:129 Resp: 8847  
Ion Ratio Lower Upper  
129 100  
127 74.3 38.8 116.4



#62  
4-Bromofluorobenzene  
Concen: 47.008 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

Tgt Ion: 95 Resp: 107556  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 135.6  
176 74.8 0.0 131.0

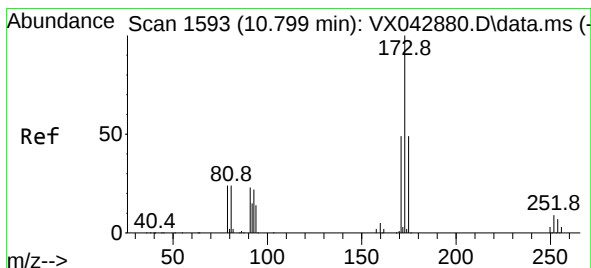
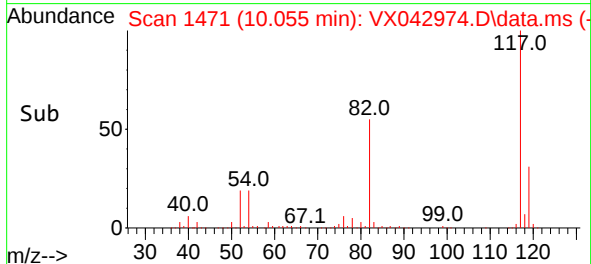
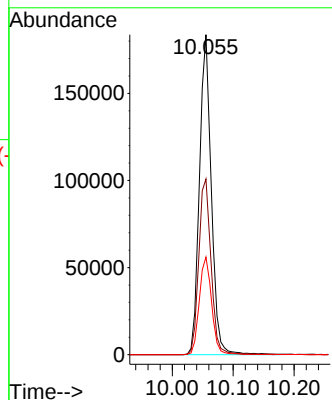
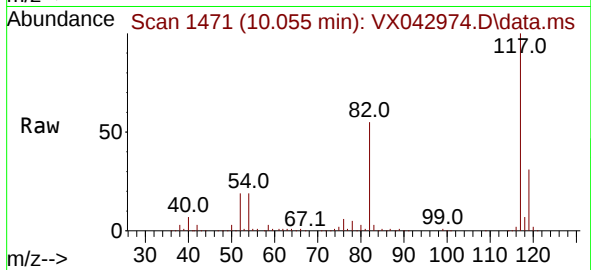




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

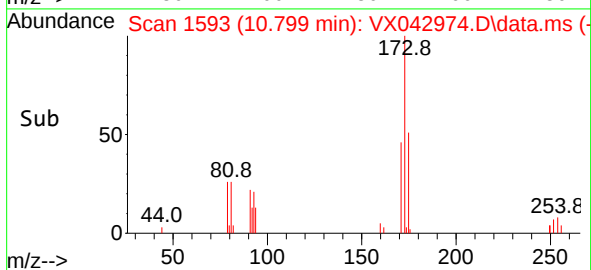
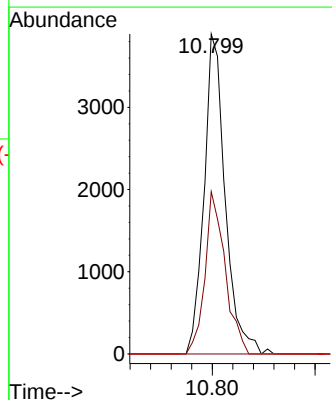
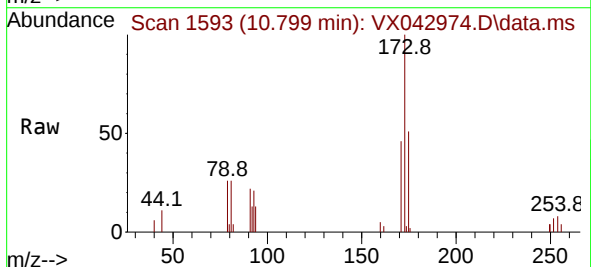
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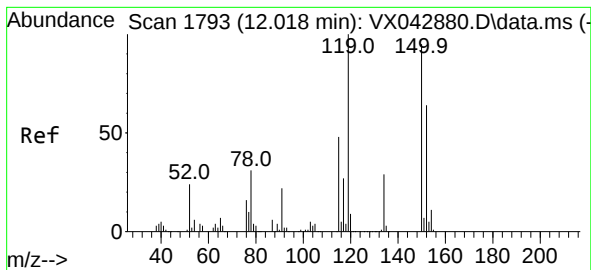
Tgt Ion:117 Resp: 248422  
Ion Ratio Lower Upper  
117 100  
82 54.9 46.2 69.4  
119 30.5 25.5 38.3



#71  
Bromoform  
Concen: 4.506 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX042974.D  
Acq: 09 Aug 2024 06:03

Tgt Ion:173 Resp: 5575  
Ion Ratio Lower Upper  
173 100  
175 48.2 24.1 72.4  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042974.D

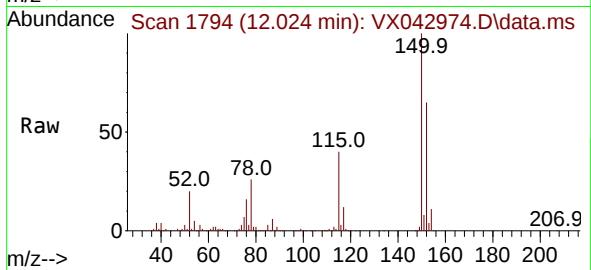
Acq: 09 Aug 2024 06:03

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-7-HYD-20240806



Tgt Ion:152 Resp: 93031

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 155.9 0.0 345.0

