

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082522\  
 Data File : VX030783.D  
 Acq On : 25 Aug 2022 19:57  
 Operator : JC/MD  
 Sample : N4245-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW179D1-20220816

Quant Time: Aug 26 02:41:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 26 02:03:28 2022  
 Response via : Initial Calibration

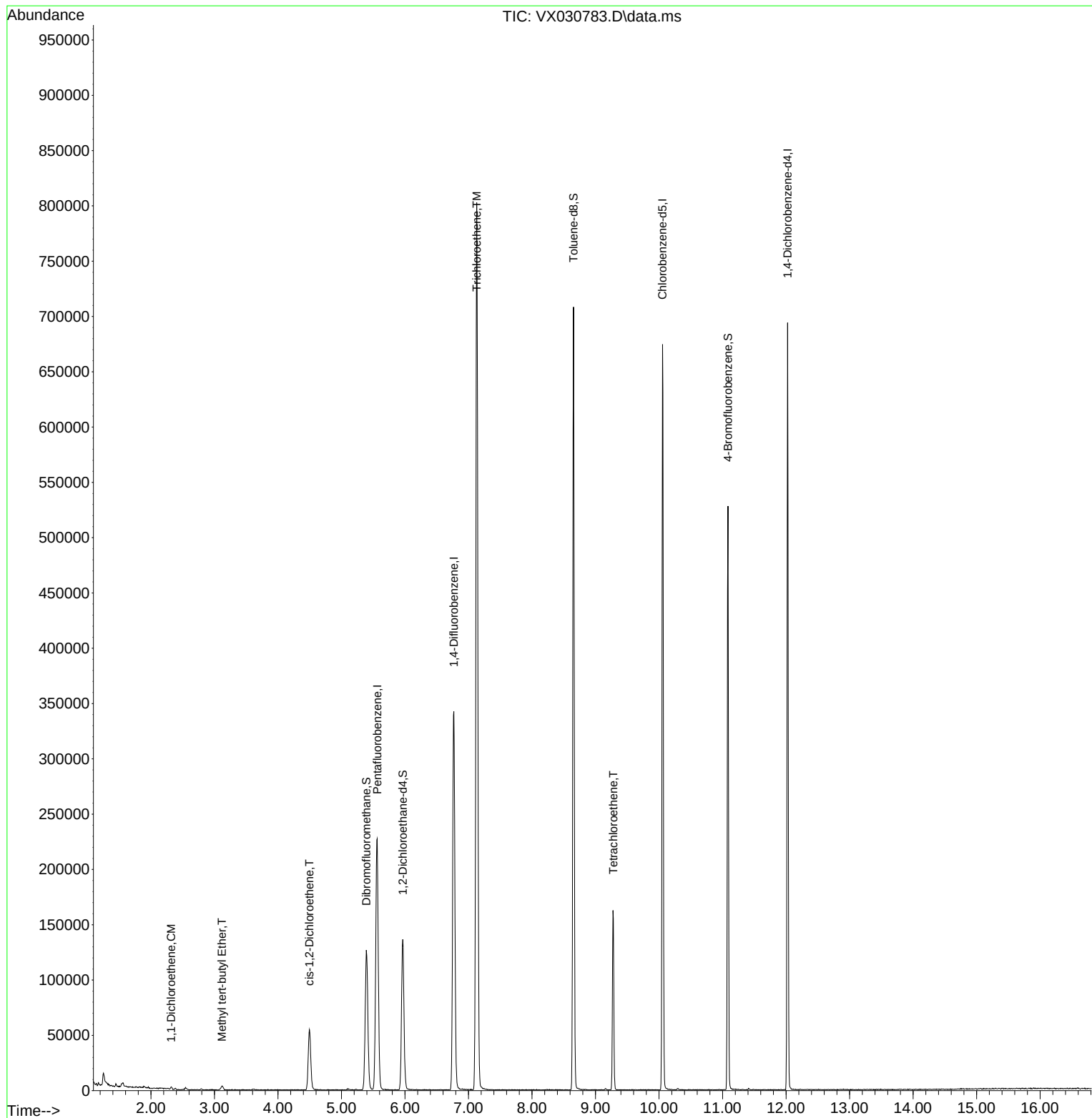
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 216992   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 367904   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 316894   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 144944   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 130629   | 51.179   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 102.360% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 113642   | 50.260   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 100.520% |
| 50) Toluene-d8              | 8.653  | 98    | 428966   | 54.444   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 108.880% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 141540   | 48.251   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 96.500%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene      | 2.319  | 96    | 895      | 0.455    | ug/l   | 91       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 3618     | 0.531    | ug/l # | 88       |
| 27) cis-1,2-Dichloroethene  | 4.495  | 96    | 36604    | 14.023   | ug/l   | 94       |
| 44) Trichloroethene         | 7.129  | 130   | 319728   | 120.138  | ug/l   | 100      |
| 64) Tetrachloroethene       | 9.281  | 164   | 30414    | 12.184   | ug/l   | 93       |
| -----                       |        |       |          |          |        |          |

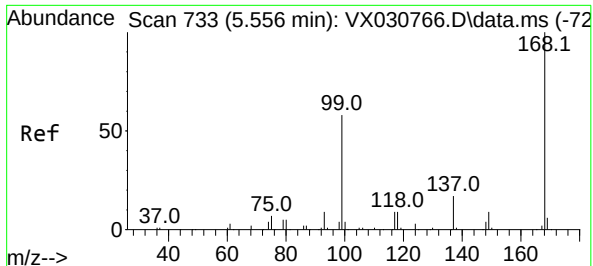
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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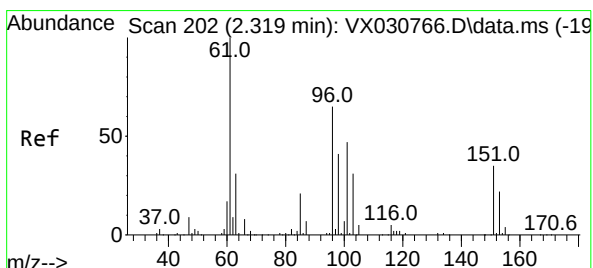
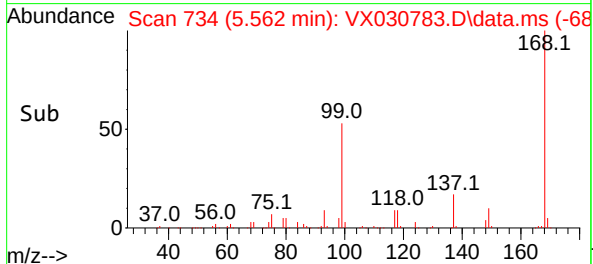
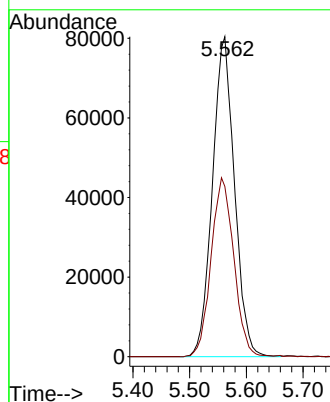
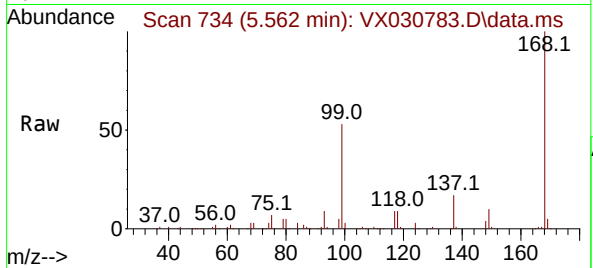




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX030783.D  
Acq: 25 Aug 2022 19:57

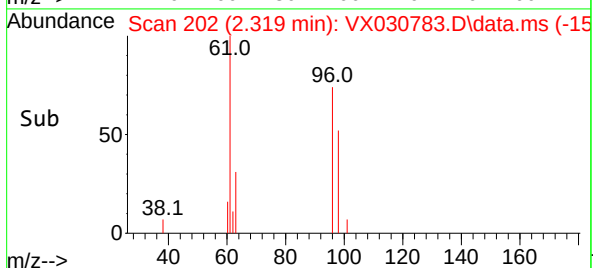
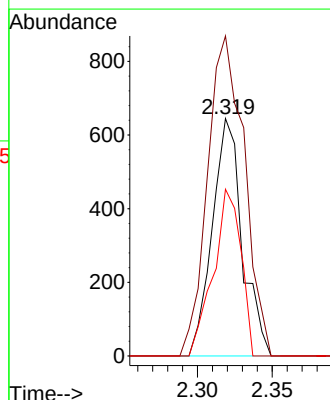
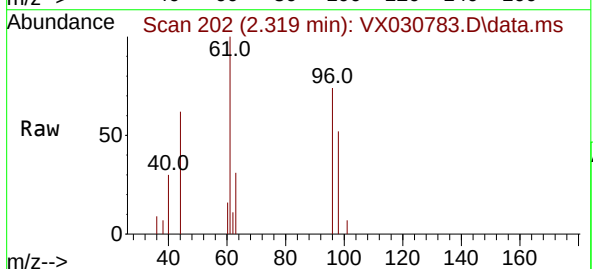
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW179D1-20220816

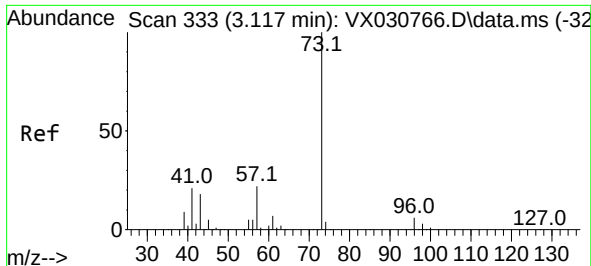
Tgt Ion:168 Resp: 216992  
Ion Ratio Lower Upper  
168 100  
99 53.2 44.0 66.0



#12  
1,1-Dichloroethene  
Concen: 0.455 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX030783.D  
Acq: 25 Aug 2022 19:57

Tgt Ion: 96 Resp: 895  
Ion Ratio Lower Upper  
96 100  
61 134.7 117.4 176.0  
98 70.2 52.2 78.4

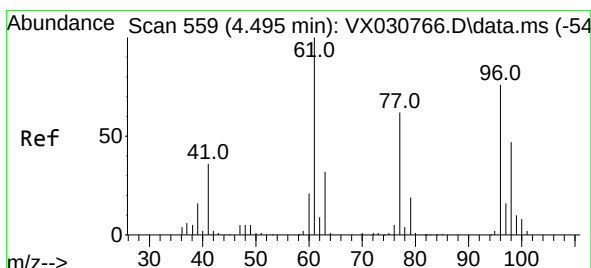
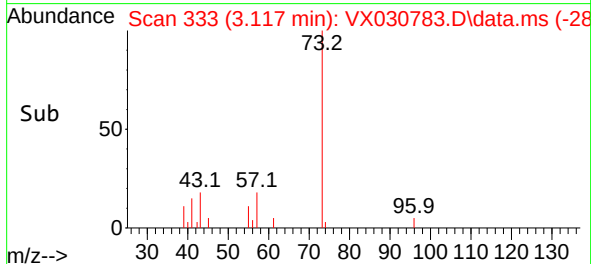
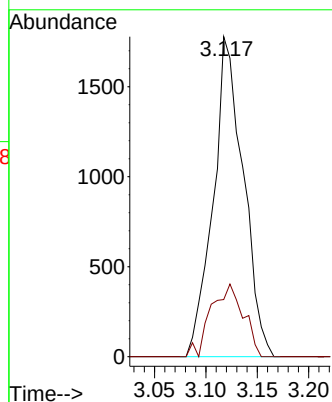
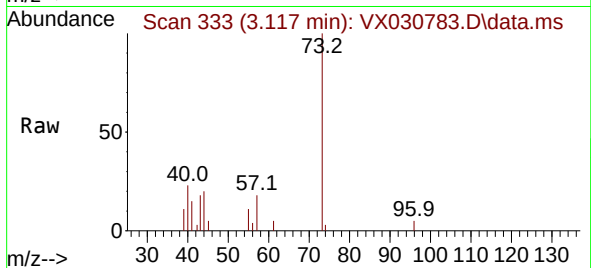




#19  
Methyl tert-butyl Ether  
Concen: 0.531 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX030783.D  
Acq: 25 Aug 2022 19:57

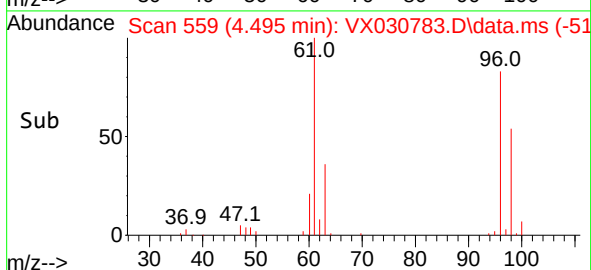
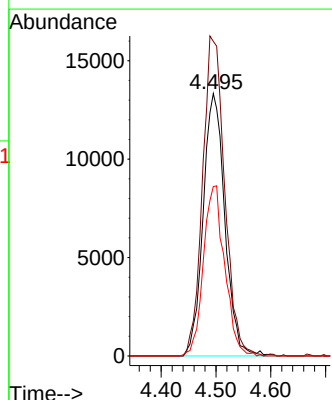
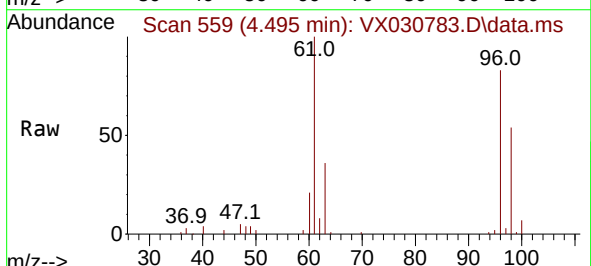
Instrument :  
MSVOA\_X  
ClientSampleId :  
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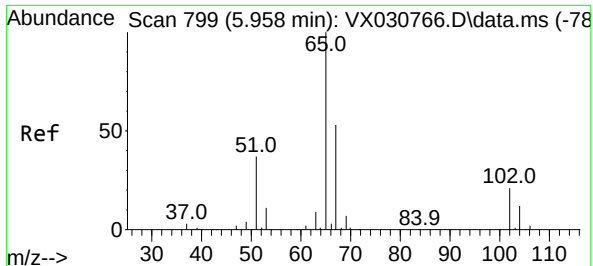
Tgt Ion: 73 Resp: 3618  
Ion Ratio Lower Upper  
73 100  
57 17.9 19.0 28.6#



#27  
cis-1,2-Dichloroethene  
Concen: 14.023 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VX030783.D  
Acq: 25 Aug 2022 19:57

Tgt Ion: 96 Resp: 36604  
Ion Ratio Lower Upper  
96 100  
61 124.0 0.0 270.0  
98 63.7 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 51.179 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030783.D

Acq: 25 Aug 2022 19:57

Instrument :

MSVOA\_X

ClientSampleId :

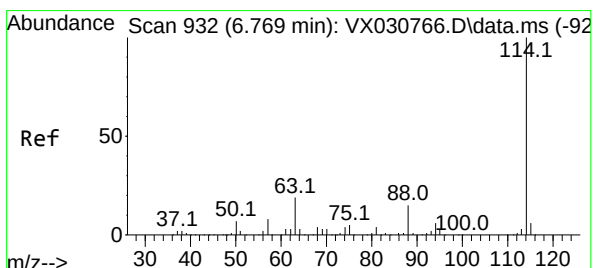
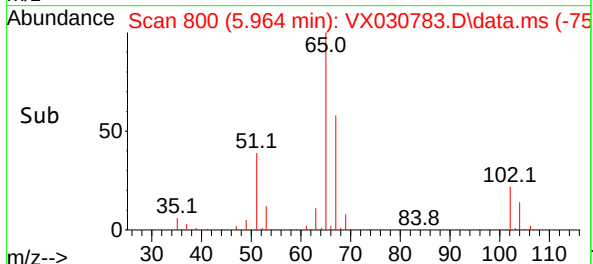
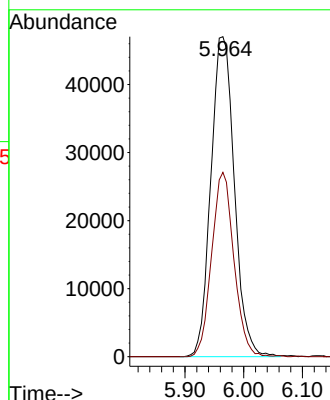
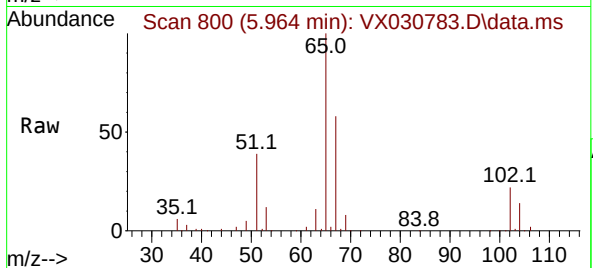
MW179D1-20220816

Tgt Ion: 65 Resp: 130629

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030783.D

Acq: 25 Aug 2022 19:57

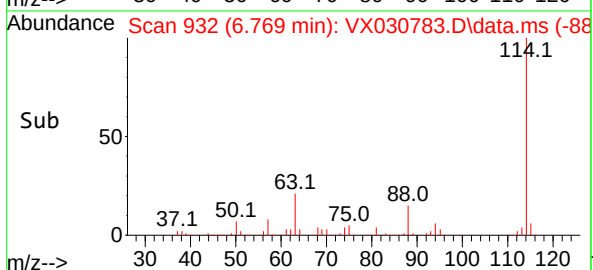
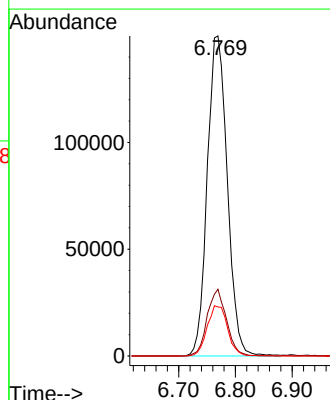
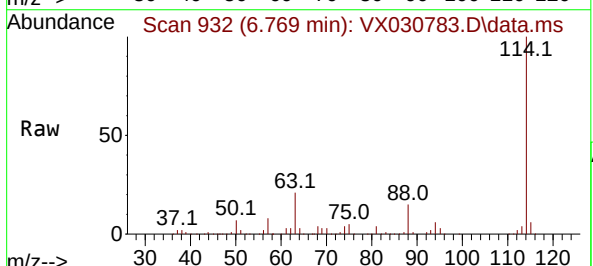
Tgt Ion: 114 Resp: 367904

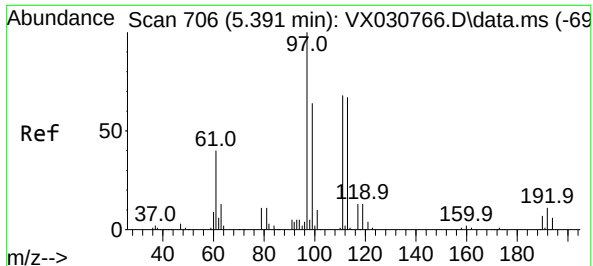
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.260 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030783.D

Acq: 25 Aug 2022 19:57

Instrument :

MSVOA\_X

ClientSampleId :

MW179D1-20220816

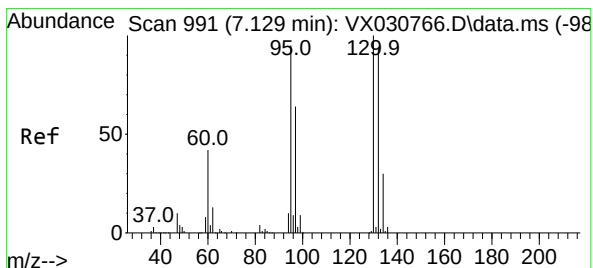
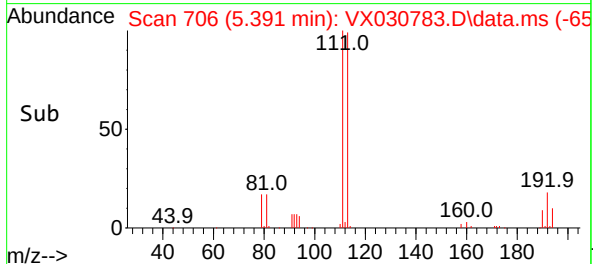
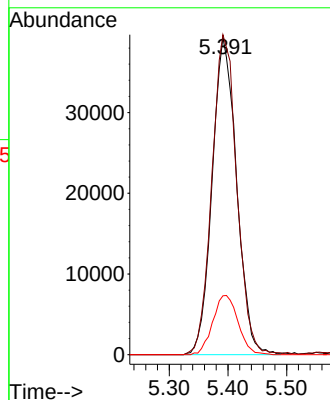
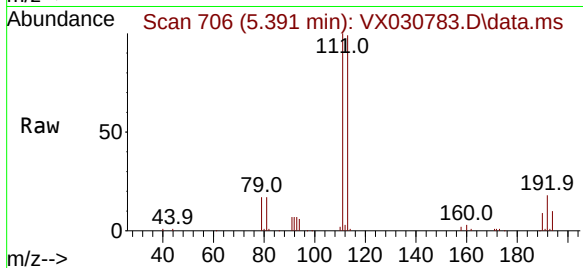
Tgt Ion:113 Resp: 113642

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

192 19.3 14.8 22.2



#44

Trichloroethene

Concen: 120.138 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030783.D

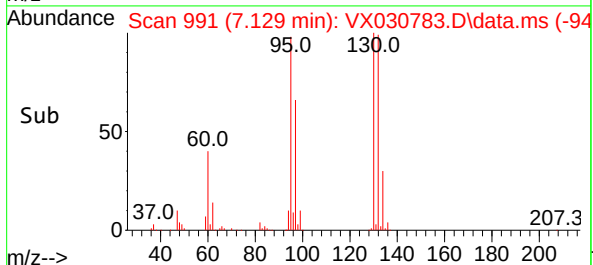
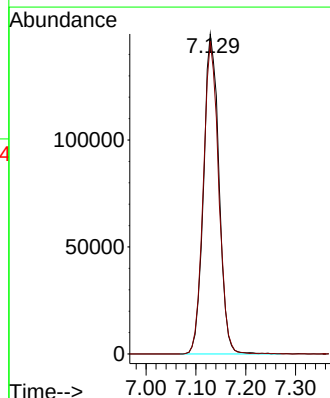
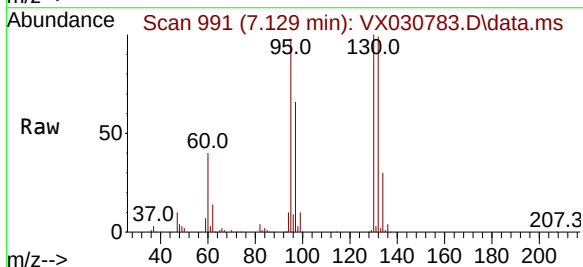
Acq: 25 Aug 2022 19:57

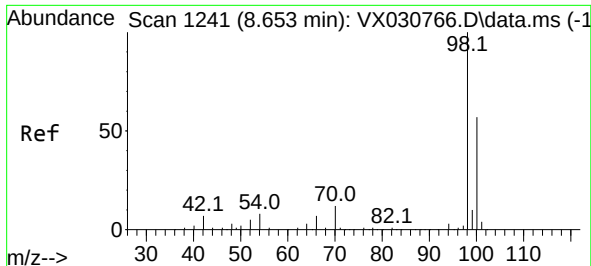
Tgt Ion:130 Resp: 319728

Ion Ratio Lower Upper

130 100

95 97.6 0.0 194.8

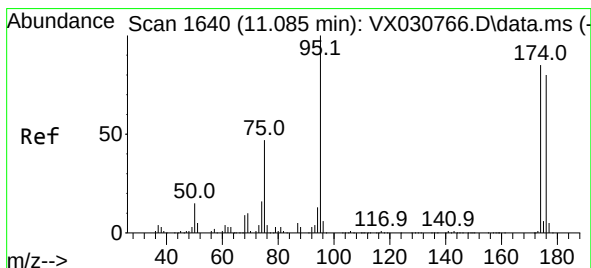
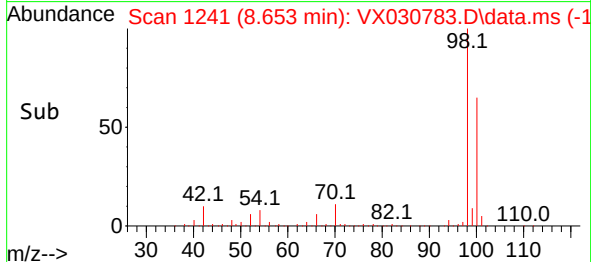
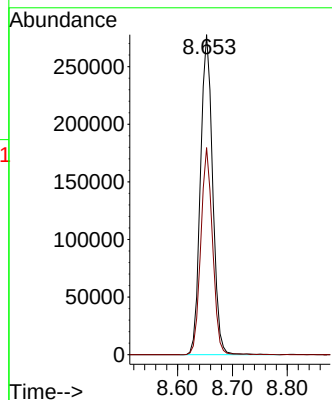
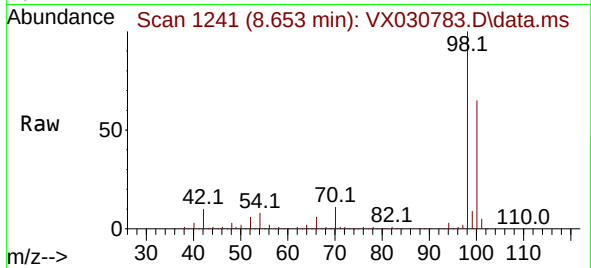




#50  
Toluene-d8  
Concen: 54.444 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX030783.D  
Acq: 25 Aug 2022 19:57

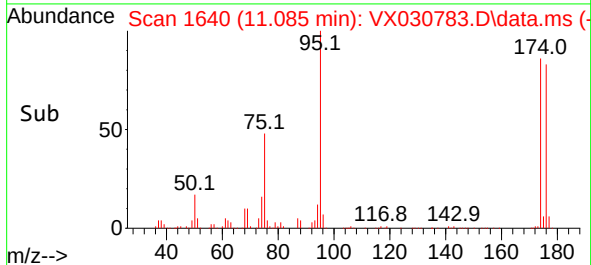
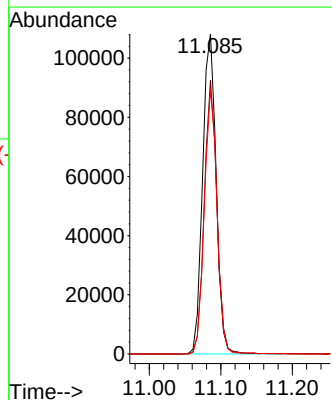
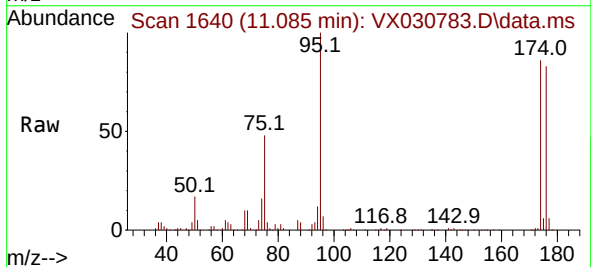
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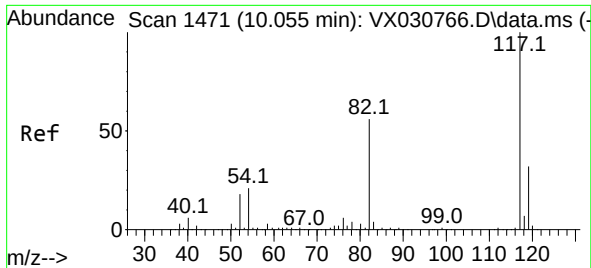
Tgt Ion: 98 Resp: 428966  
Ion Ratio Lower Upper  
98 100  
100 62.5 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 48.251 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX030783.D  
Acq: 25 Aug 2022 19:57

Tgt Ion: 95 Resp: 141540  
Ion Ratio Lower Upper  
95 100  
174 80.3 0.0 149.0  
176 78.2 0.0 146.0

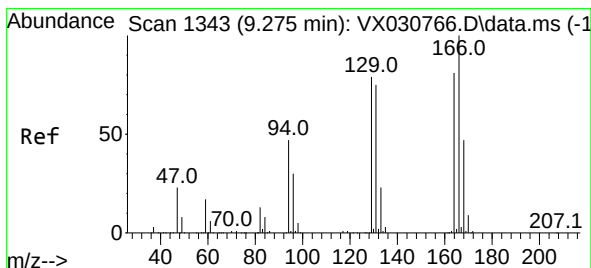
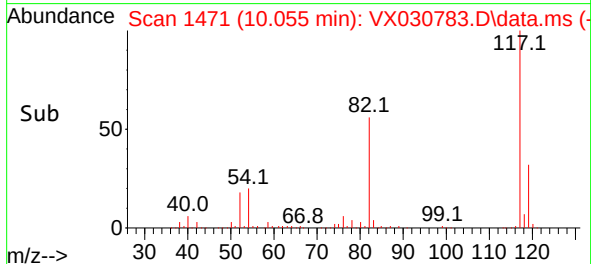
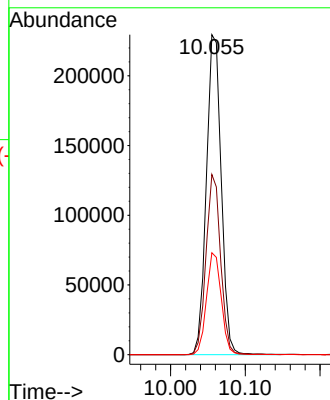
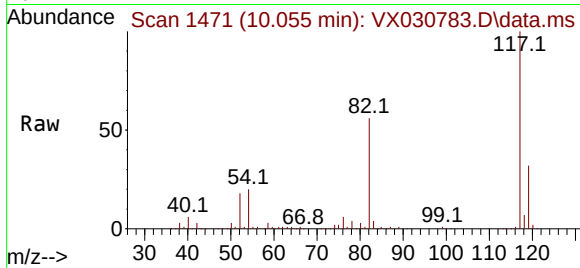




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030783.D  
Acq: 25 Aug 2022 19:57

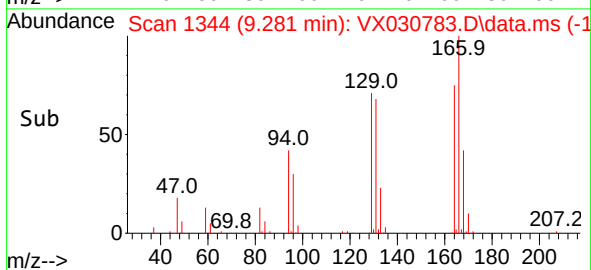
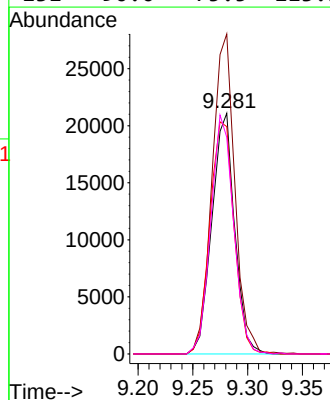
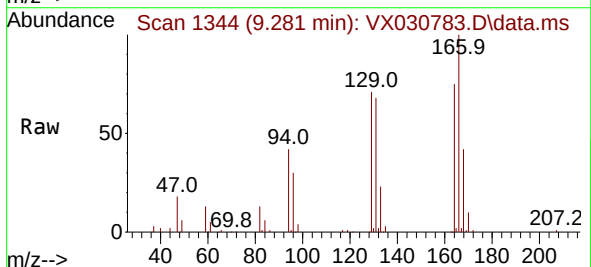
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Tgt Ion:117 Resp: 316894  
Ion Ratio Lower Upper  
117 100  
82 56.3 42.7 64.1  
119 31.8 25.4 38.2

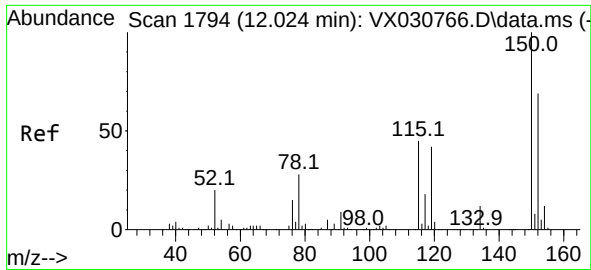


#64  
Tetrachloroethene  
Concen: 12.184 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX030783.D  
Acq: 25 Aug 2022 19:57

Tgt Ion:164 Resp: 30414  
Ion Ratio Lower Upper  
164 100  
166 133.0 98.2 147.4  
129 94.5 80.8 121.2  
131 90.0 75.5 113.3







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030783.D

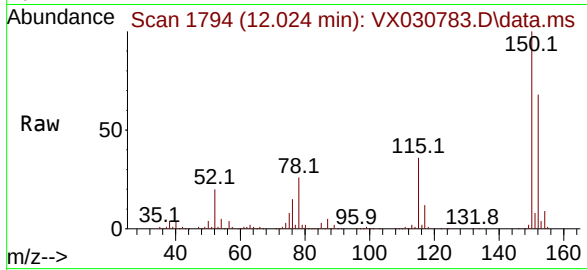
Acq: 25 Aug 2022 19:57

Instrument :

MSVOA\_X

ClientSampleId :

MW179D1-20220816



Tgt Ion:152 Resp: 144944

Ion Ratio Lower Upper

152 100

115 58.5 40.5 121.5

150 160.8 0.0 347.0

