

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083022\  
 Data File : VX030953.D  
 Acq On : 30 Aug 2022 20:54  
 Operator : JC/MD  
 Sample : N4297-04DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW305D-20220820DL

Quant Time: Aug 31 03:16:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X083022W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 30 14:24:53 2022  
 Response via : Initial Calibration

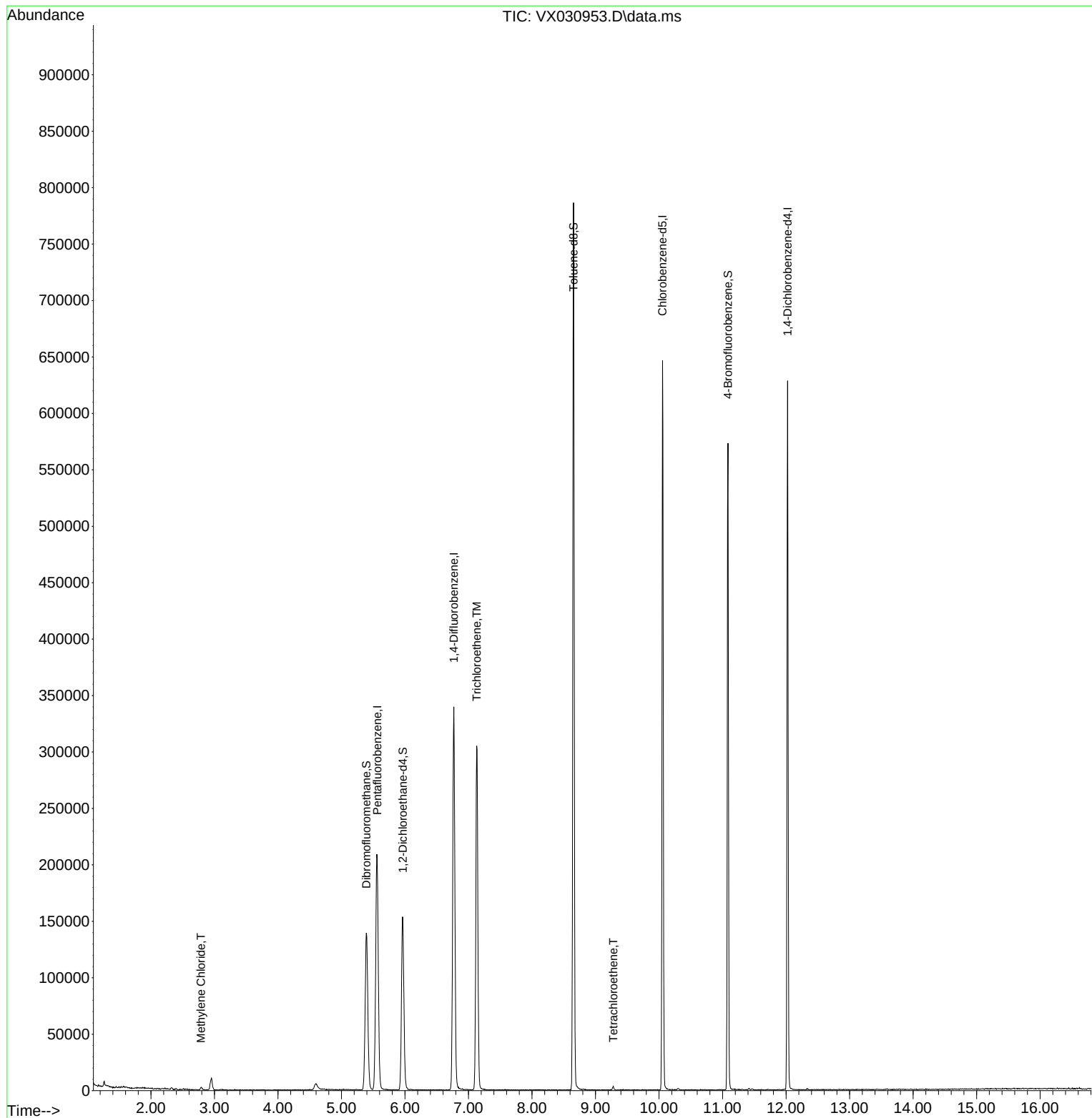
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.562          | 168  | 202259              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 362017              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 305837              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 135028              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 147420              | 50.817 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 101.640% |        |       |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 126368              | 47.354 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 94.700%  |        |       |          |
| 50) Toluene-d8              | 8.653          | 98   | 477923              | 48.359 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 96.720%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 158882              | 45.146 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 90.300%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 20) Methylene Chloride      | 2.788          | 84   | 1173                | 0.394  | ug/l  | 93       |
| 44) Trichloroethene         | 7.129          | 130  | 124317              | 36.914 | ug/l  | 95       |
| 64) Tetrachloroethene       | 9.281          | 164  | 692                 | 0.239  | ug/l  | 90       |
| -----                       |                |      |                     |        |       |          |

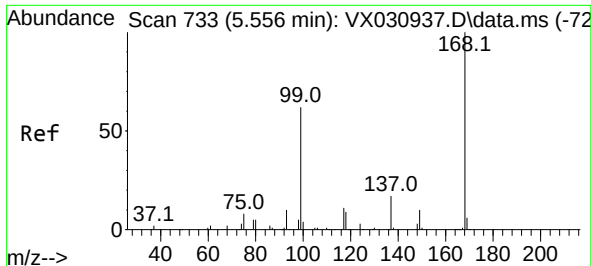
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Aug 30 14:24:53 2022  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX030953.D

Acq: 30 Aug 2022 20:54

Instrument :

MSVOA\_X

ClientSampleId :

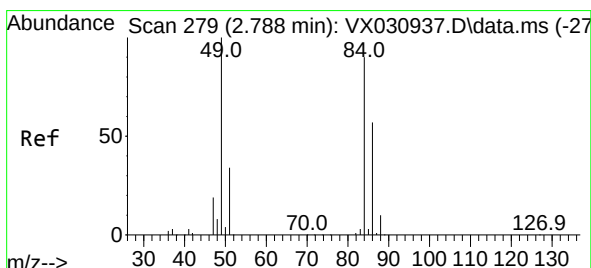
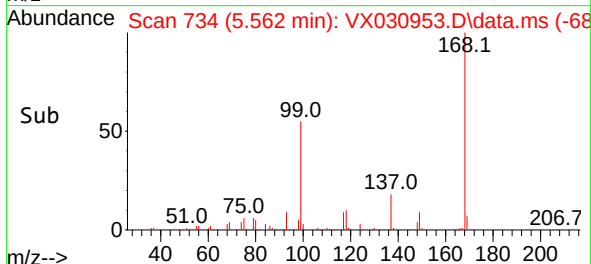
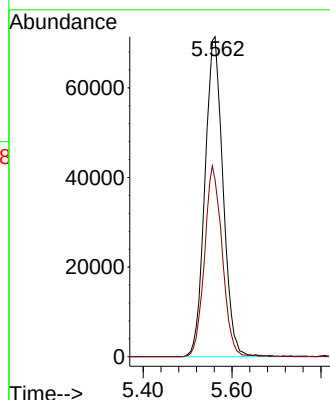
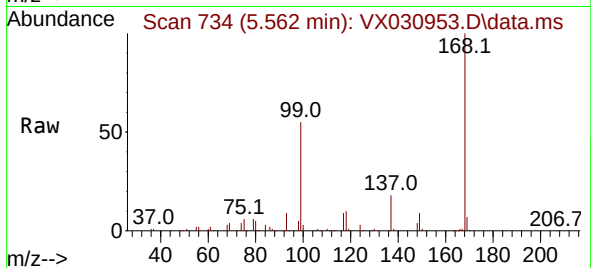
MW305D-20220820DL

Tgt Ion:168 Resp: 202259

Ion Ratio Lower Upper

168 100

99 55.3 44.0 66.0



#20

Methylene Chloride

Concen: 0.394 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX030953.D

Acq: 30 Aug 2022 20:54

Tgt Ion: 84 Resp: 1173

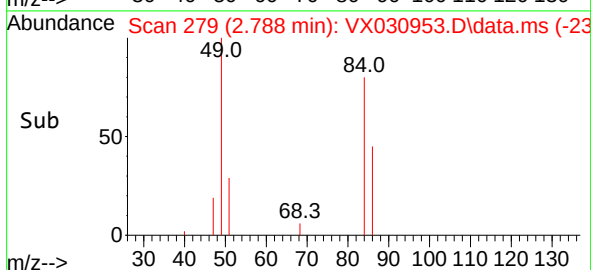
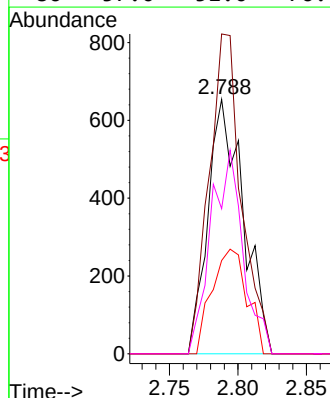
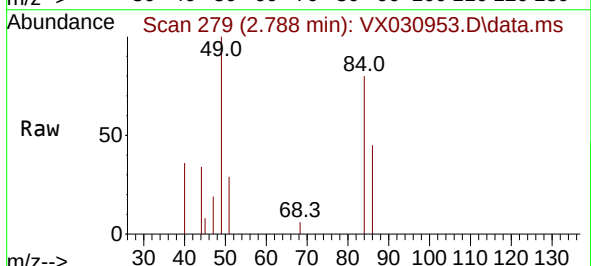
Ion Ratio Lower Upper

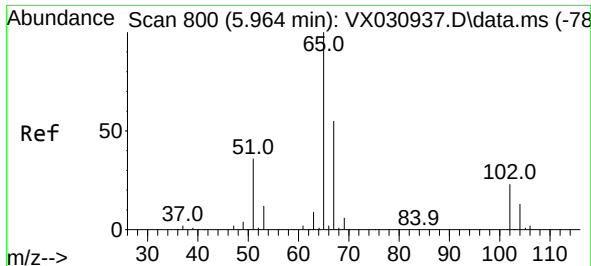
84 100

49 125.7 93.8 140.6

51 36.7 29.4 44.0

86 57.0 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 50.817 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030953.D

Acq: 30 Aug 2022 20:54

Instrument :

MSVOA\_X

ClientSampleId :

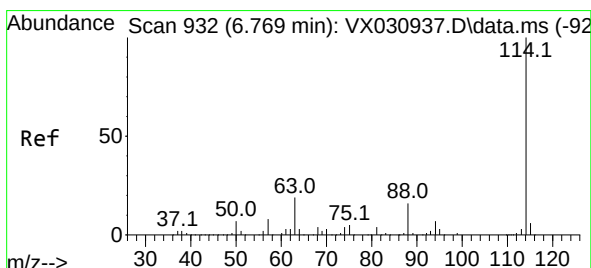
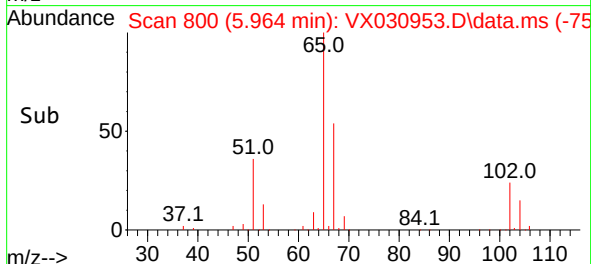
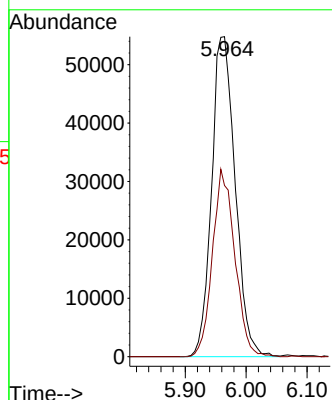
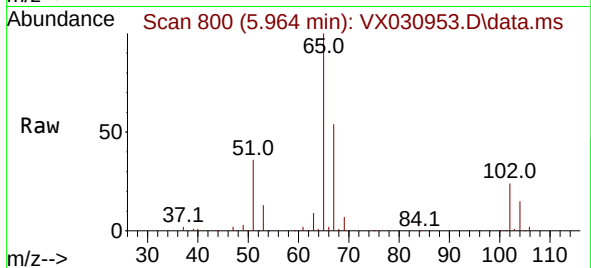
MW305D-20220820DL

Tgt Ion: 65 Resp: 147420

Ion Ratio Lower Upper

65 100

67 55.6 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: VX030953.D

Acq: 30 Aug 2022 20:54

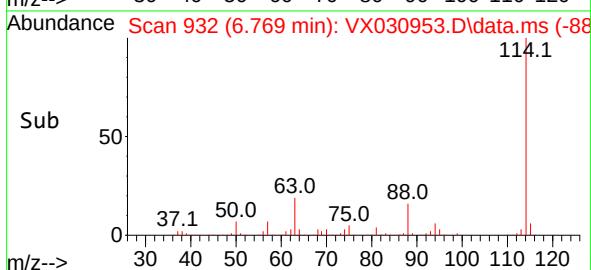
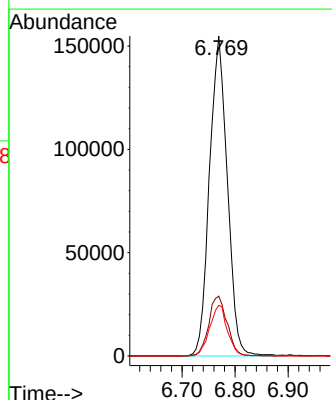
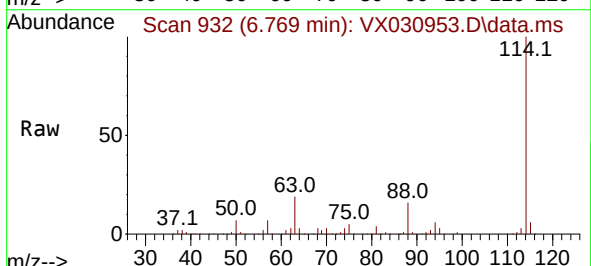
Tgt Ion: 114 Resp: 362017

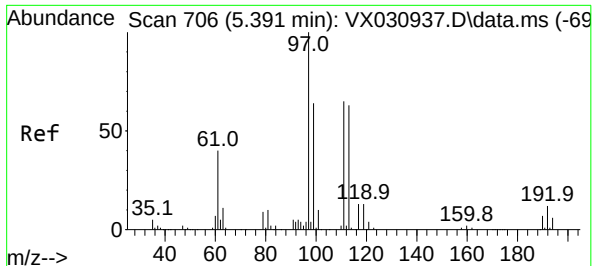
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.8 0.0 31.8

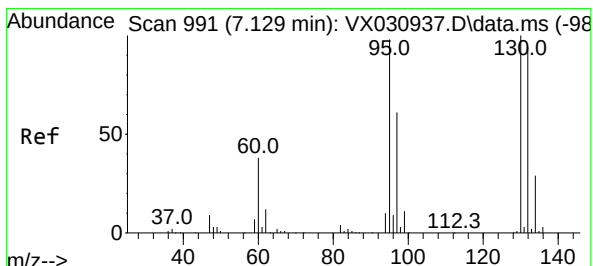
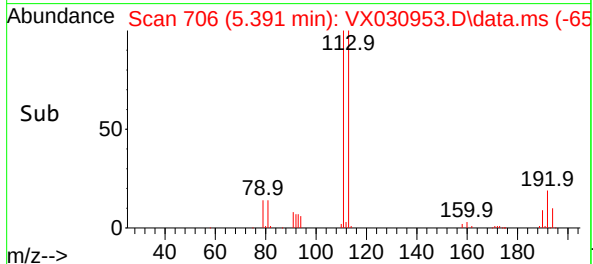
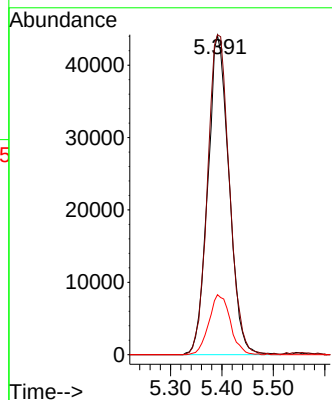
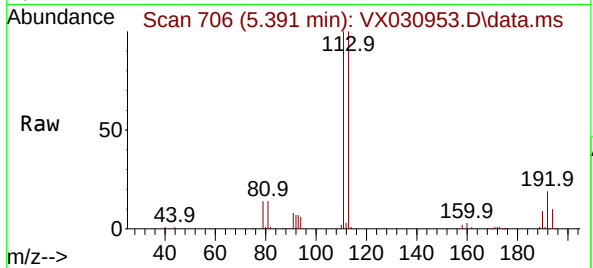




#35  
Dibromofluoromethane  
Concen: 47.354 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX030953.D  
Acq: 30 Aug 2022 20:54

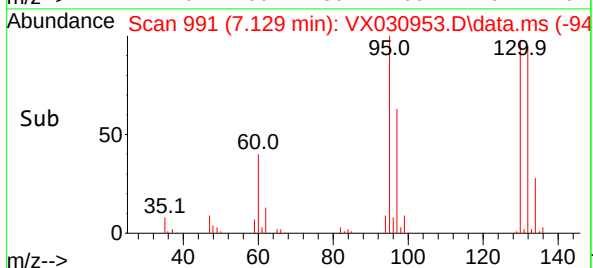
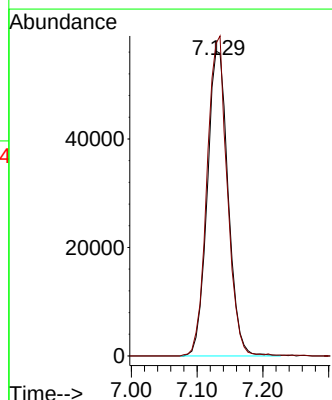
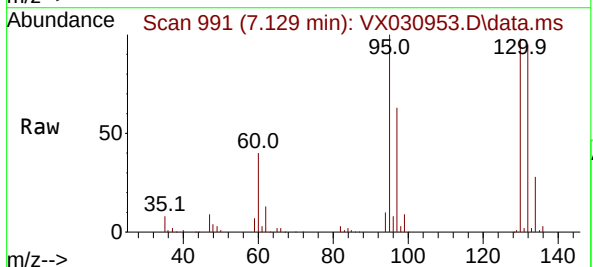
Instrument :  
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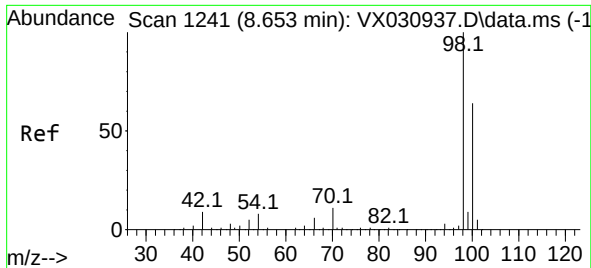
Tgt Ion:113 Resp: 126368  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.2 124.8  
192 19.0 14.8 22.2



#44  
Trichloroethene  
Concen: 36.914 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX030953.D  
Acq: 30 Aug 2022 20:54

Tgt Ion:130 Resp: 124317  
Ion Ratio Lower Upper  
130 100  
95 102.5 0.0 194.8

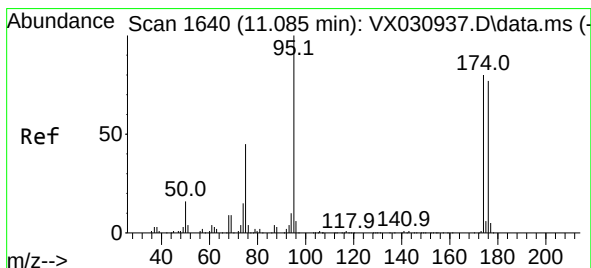
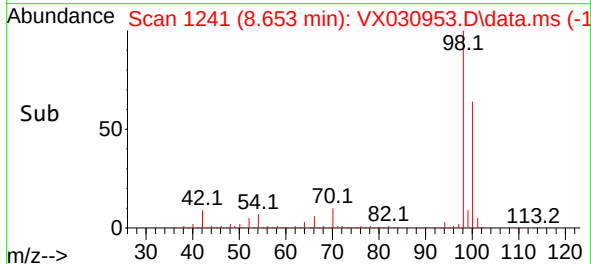
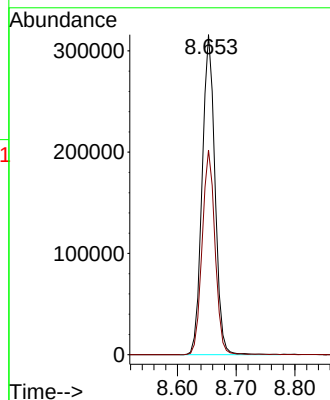
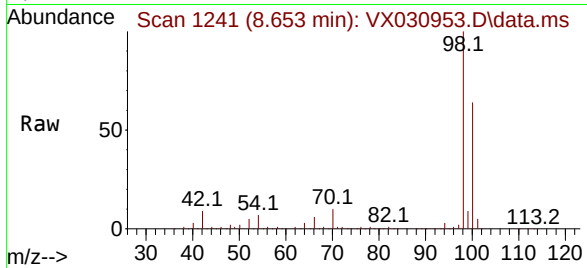




#50  
Toluene-d8  
Concen: 48.359 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX030953.D  
Acq: 30 Aug 2022 20:54

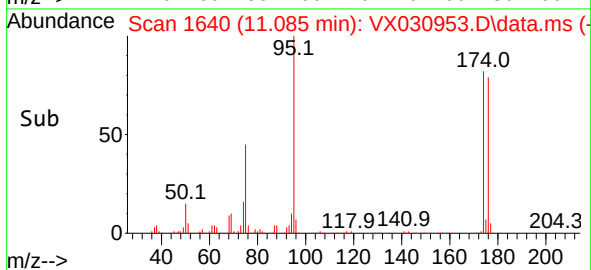
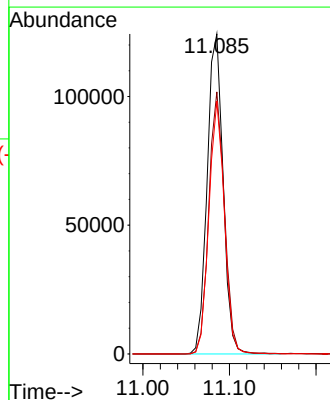
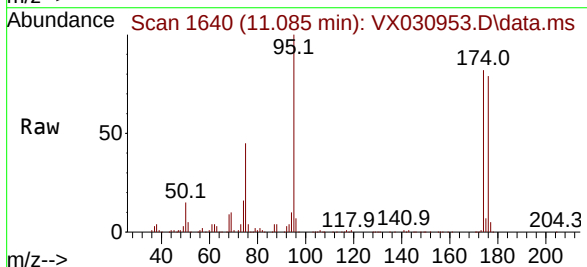
Instrument :  
MSVOA\_X  
ClientSampleId :  
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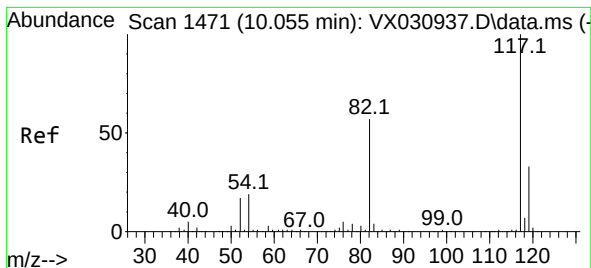
Tgt Ion: 98 Resp: 477923  
Ion Ratio Lower Upper  
98 100  
100 63.9 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 45.146 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX030953.D  
Acq: 30 Aug 2022 20:54

Tgt Ion: 95 Resp: 158882  
Ion Ratio Lower Upper  
95 100  
174 80.7 0.0 149.0  
176 76.8 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: VX030953.D

Acq: 30 Aug 2022 20:54

Instrument :

MSVOA\_X

ClientSampleId :

MW305D-20220820DL

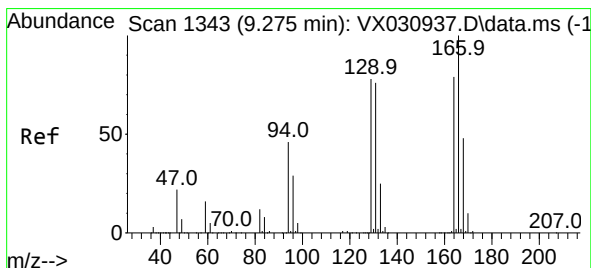
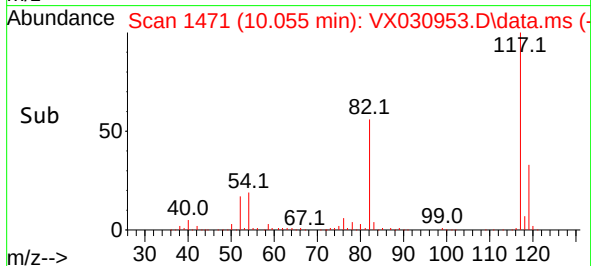
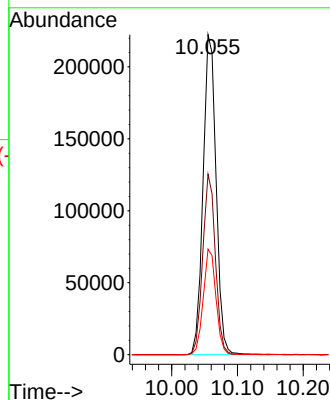
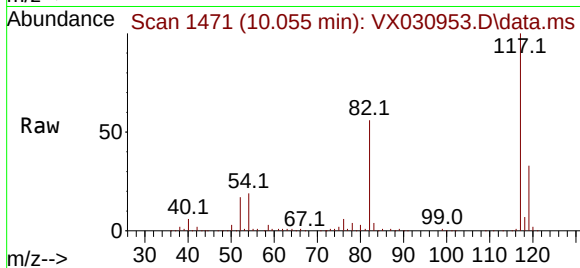
Tgt Ion:117 Resp: 305837

Ion Ratio Lower Upper

117 100

82 56.4 42.7 64.1

119 33.0 25.4 38.2



#64

Tetrachloroethene

Concen: 0.239 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030953.D

Acq: 30 Aug 2022 20:54

Tgt Ion:164 Resp: 692

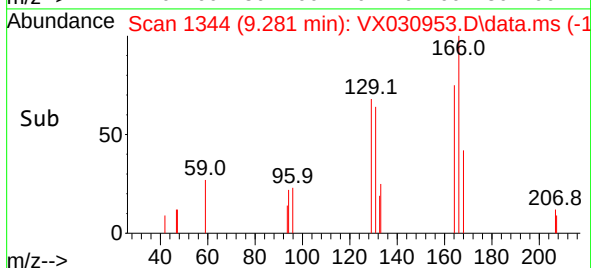
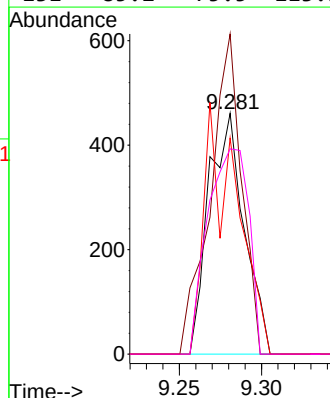
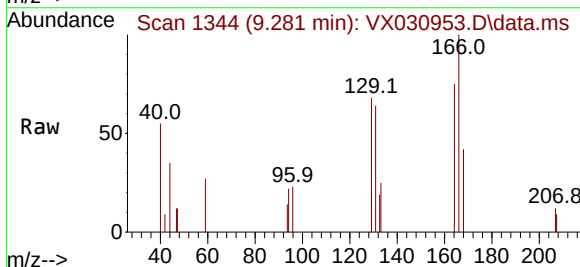
Ion Ratio Lower Upper

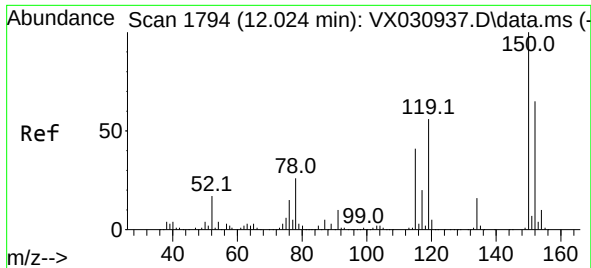
164 100

166 133.0 98.2 147.4

129 89.8 80.8 121.2

131 85.2 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: VX030953.D

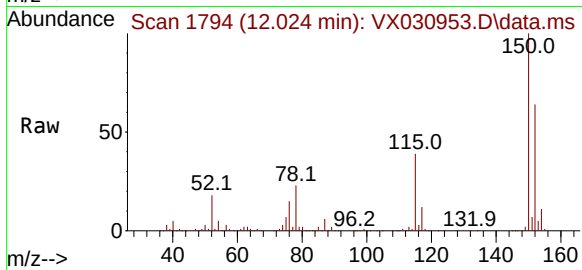
Acq: 30 Aug 2022 20:54

Instrument :

MSVOA\_X

ClientSampleId :

MW305D-20220820DL



Tgt Ion:152 Resp: 135028

Ion Ratio Lower Upper

152 100

115 60.1 40.5 121.5

150 154.5 0.0 347.0

