

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082823\  
 Data File : VX037291.D  
 Acq On : 28 Aug 2023 13:46  
 Operator : JC/MD  
 Sample : 04095-12DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE134D3-20230818DL

Quant Time: Aug 29 00:57:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

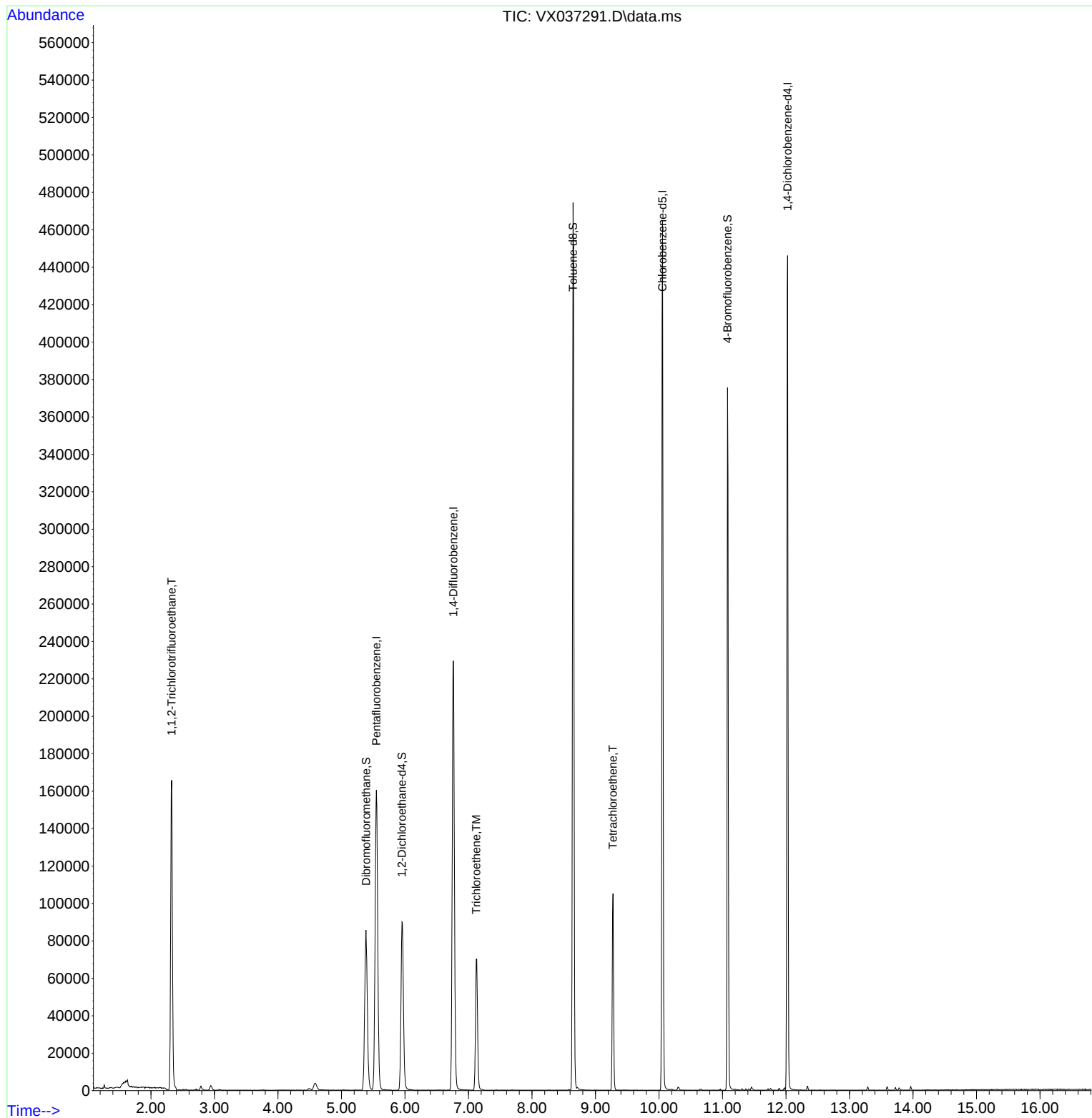
| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 150484   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 246126   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 216580   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 95688    | 50.000   | ug/l  | 0.00     |
|                              |        |       |          |          |       |          |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 90987    | 41.939   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =     | 83.880%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 75118    | 46.084   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 92.160%  |
| 50) Toluene-d8               | 8.647  | 98    | 286143   | 48.394   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =     | 96.780%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 103434   | 44.514   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =     | 89.020%  |
|                              |        |       |          |          |       |          |
| Target Compounds             |        |       |          |          |       |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 67370    | 42.351   | ug/l  | 97       |
| 44) Trichloroethene          | 7.123  | 130   | 28692    | 15.235   | ug/l  | 99       |
| 64) Tetrachloroethene        | 9.275  | 164   | 19517    | 12.353   | ug/l  | 97       |
| -----                        |        |       |          |          |       |          |

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

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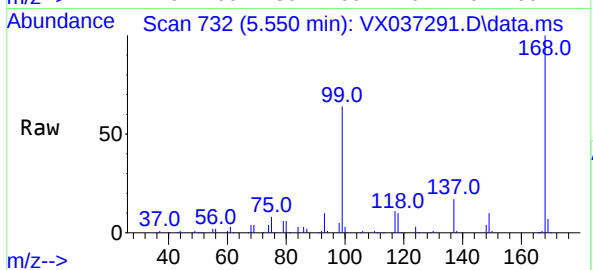
Quant Time: Aug 29 00:57:52 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
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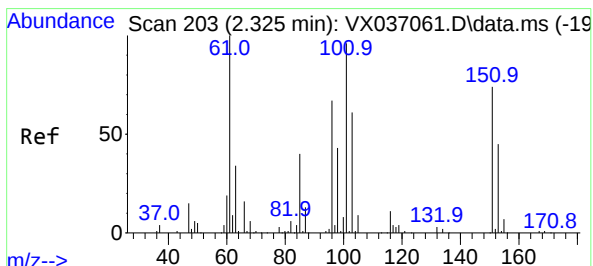
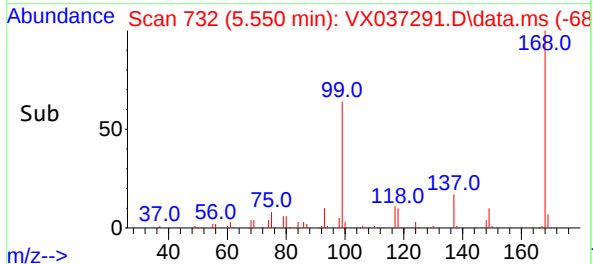
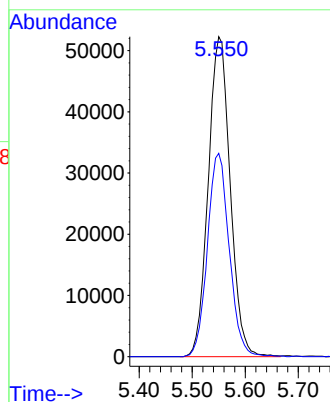


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037291.D  
Acq: 28 Aug 2023 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
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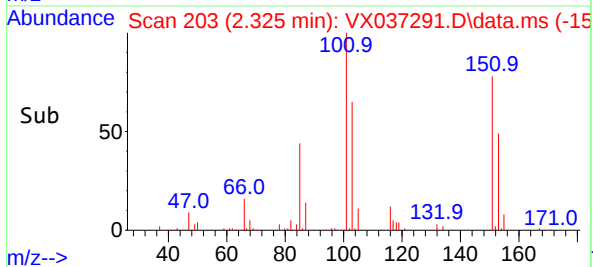
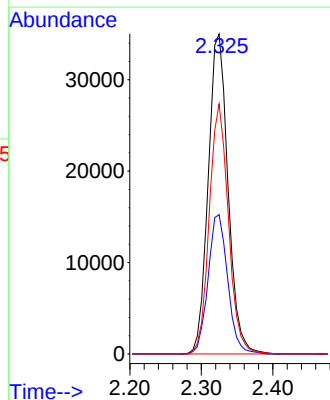
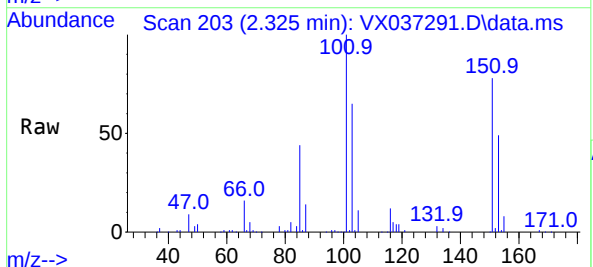


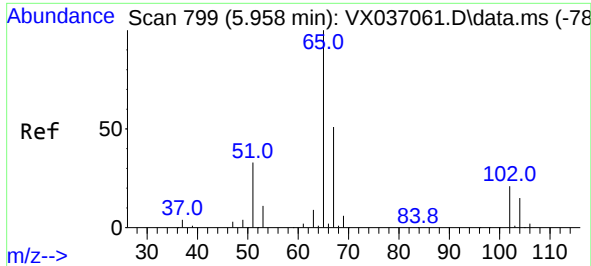
Tgt Ion:168 Resp: 150484  
Ion Ratio Lower Upper  
168 100  
99 63.6 56.6 85.0



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.351 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX037291.D  
Acq: 28 Aug 2023 13:46

Tgt Ion:101 Resp: 67370  
Ion Ratio Lower Upper  
101 100  
85 43.3 37.0 55.6  
151 75.5 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 41.939 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037291.D

Acq: 28 Aug 2023 13:46

Instrument :

MSVOA\_X

ClientSampleId :

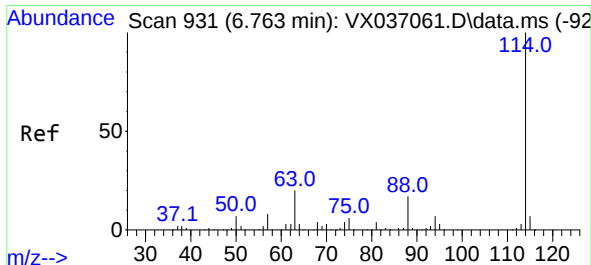
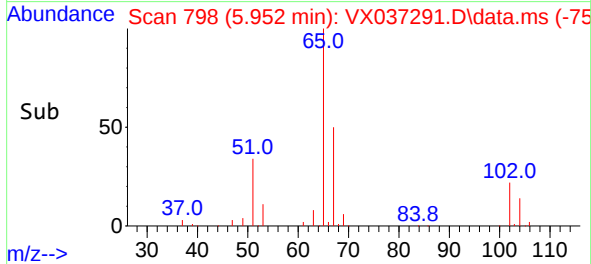
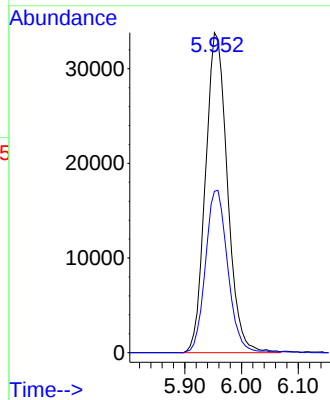
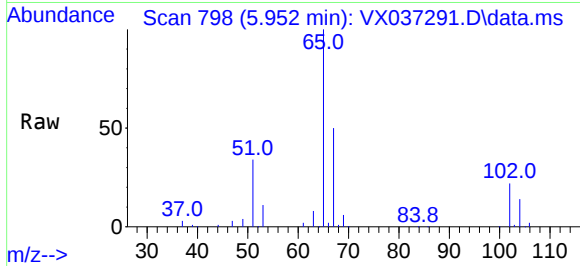
RE134D3-20230818DL

Tgt Ion: 65 Resp: 90987

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037291.D

Acq: 28 Aug 2023 13:46

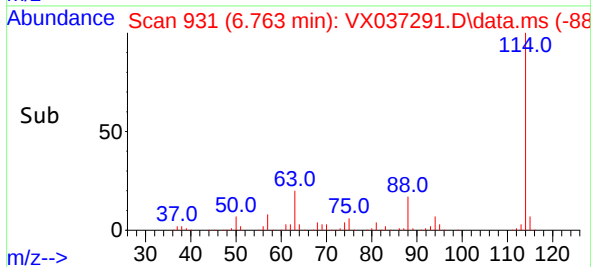
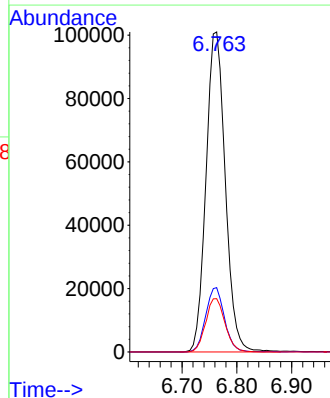
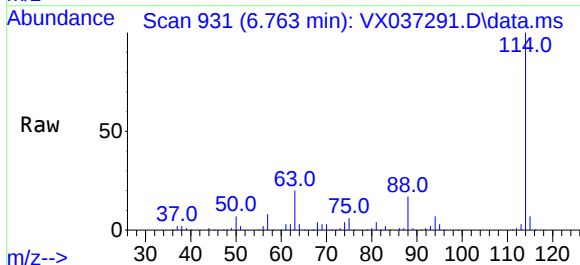
Tgt Ion: 114 Resp: 246126

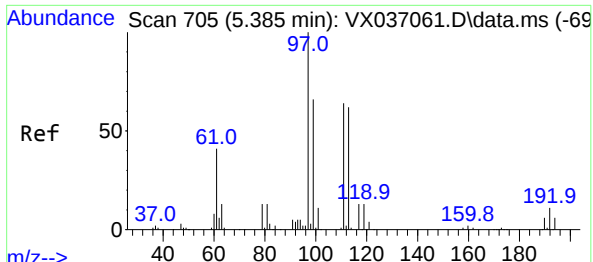
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.084 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037291.D

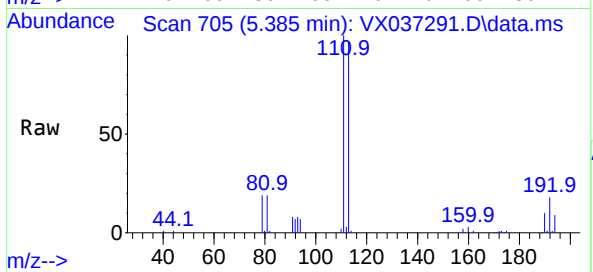
Acq: 28 Aug 2023 13:46

Instrument :

MSVOA\_X

ClientSampleId :

RE134D3-20230818DL



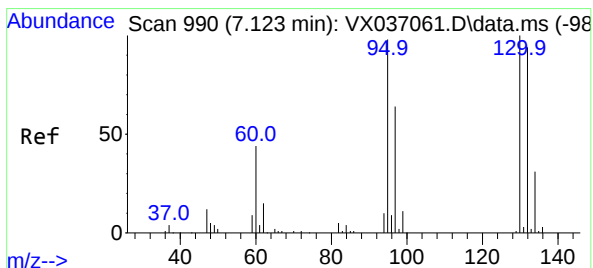
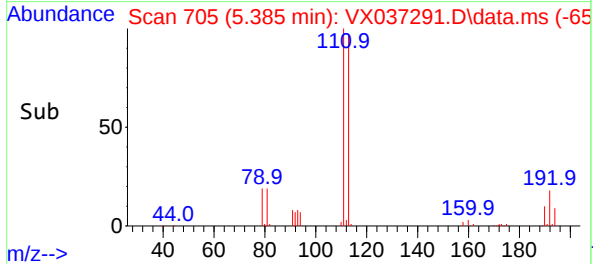
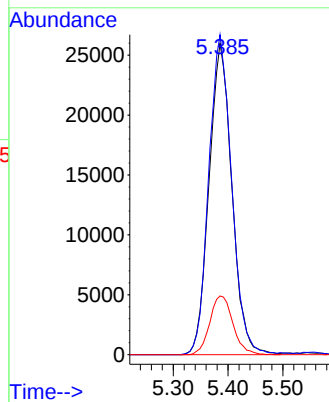
Tgt Ion:113 Resp: 75118

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 19.2 13.3 19.9



#44

Trichloroethene

Concen: 15.235 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037291.D

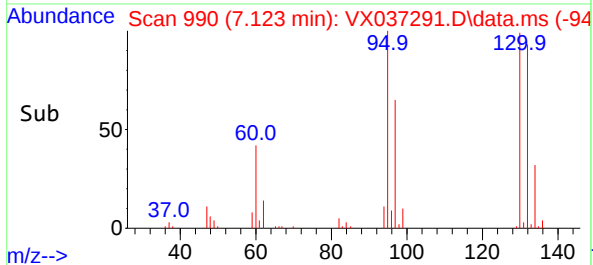
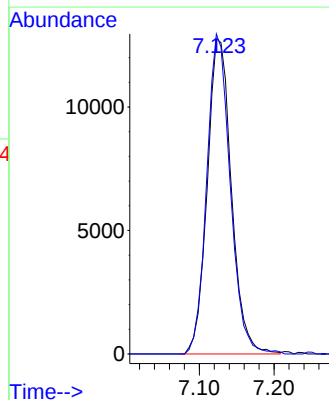
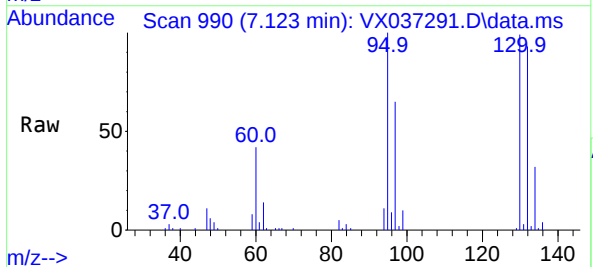
Acq: 28 Aug 2023 13:46

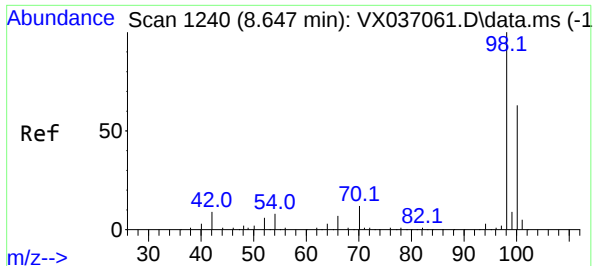
Tgt Ion:130 Resp: 28692

Ion Ratio Lower Upper

130 100

95 101.5 0.0 204.4

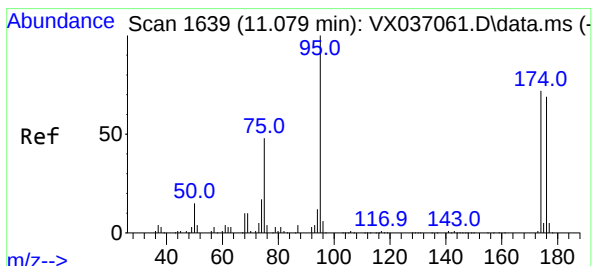
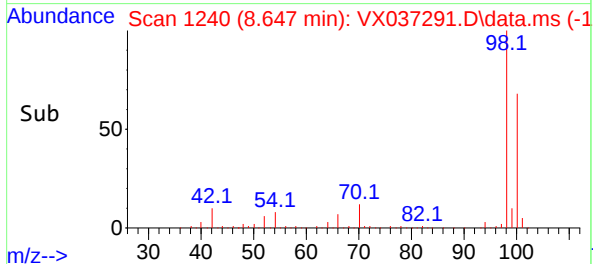
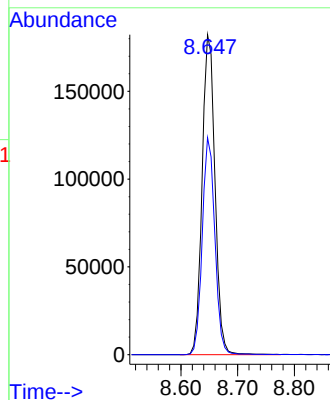
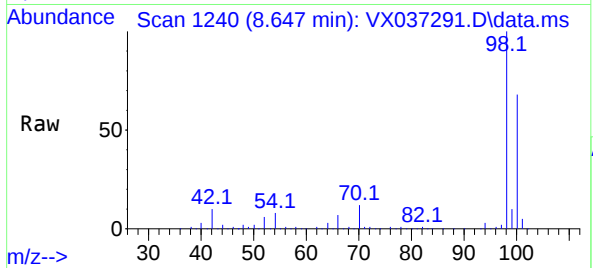




#50  
Toluene-d8  
Concen: 48.394 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX037291.D  
Acq: 28 Aug 2023 13:46

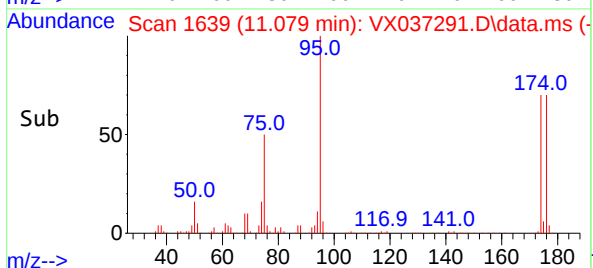
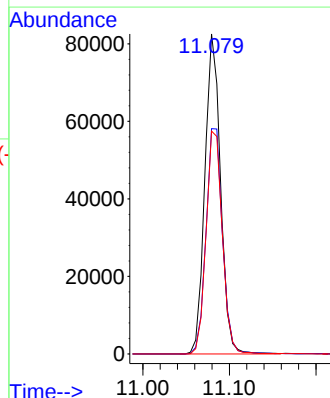
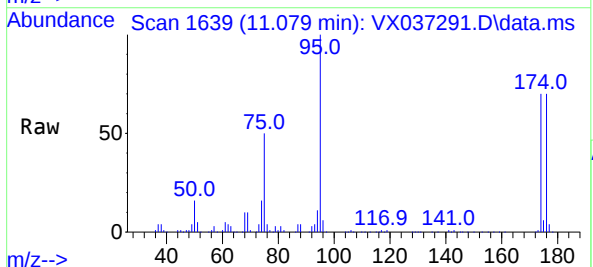
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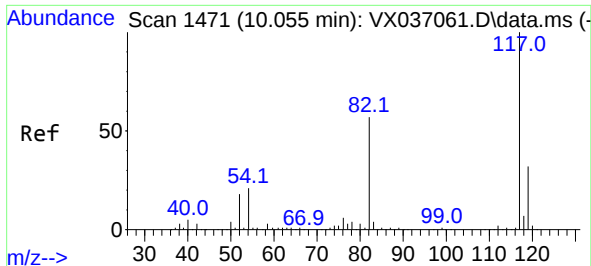
Tgt Ion: 98 Resp: 286143  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 44.514 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037291.D  
Acq: 28 Aug 2023 13:46

Tgt Ion: 95 Resp: 103434  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 135.6  
176 72.6 0.0 131.0

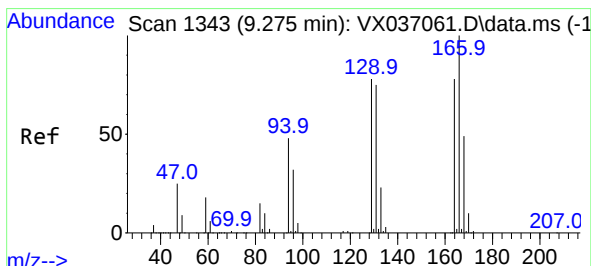
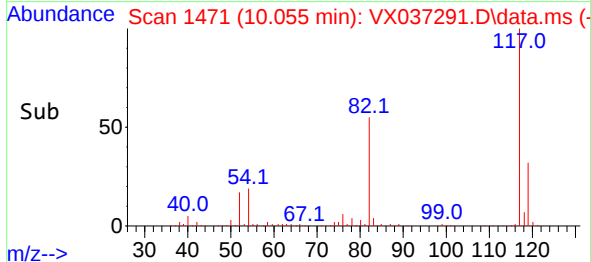
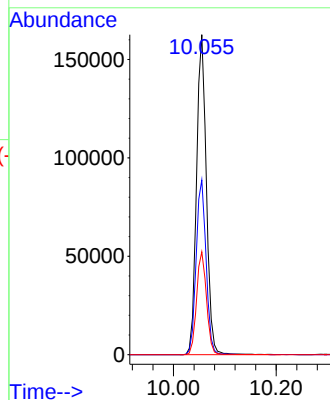
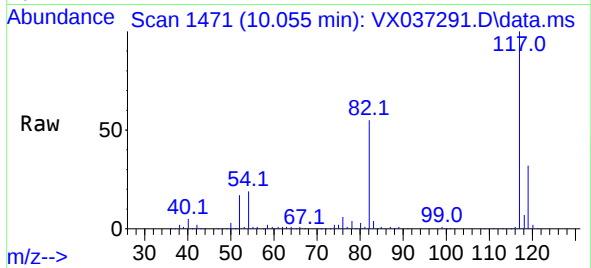




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037291.D  
Acq: 28 Aug 2023 13:46

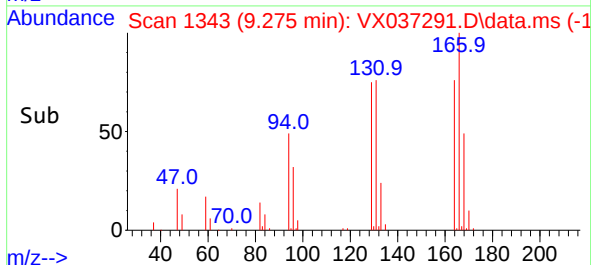
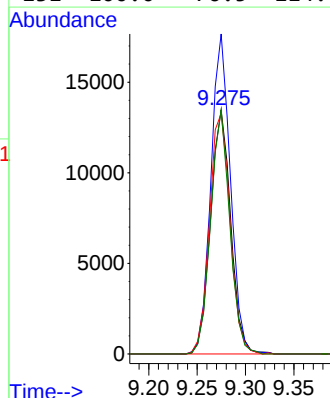
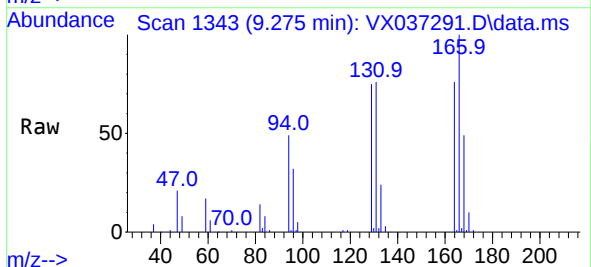
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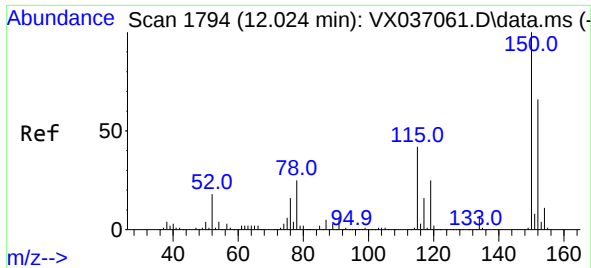
Tgt Ion:117 Resp: 216580  
Ion Ratio Lower Upper  
117 100  
82 54.6 46.2 69.4  
119 32.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 12.353 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX037291.D  
Acq: 28 Aug 2023 13:46

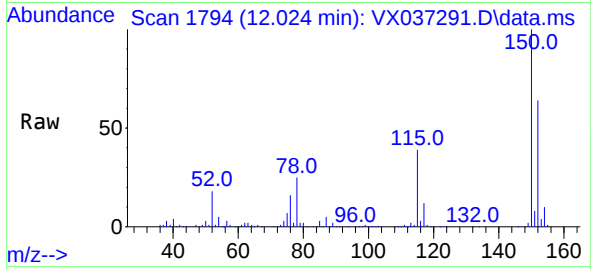
Tgt Ion:164 Resp: 19517  
Ion Ratio Lower Upper  
164 100  
166 131.2 102.7 154.1  
129 98.6 80.4 120.6  
131 100.0 76.5 114.7





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX037291.D  
 Acq: 28 Aug 2023 13:46

Instrument :  
 MSVOA\_X  
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Tgt Ion:152 Resp: 95688  
 Ion Ratio Lower Upper  
 152 100  
 115 63.0 43.3 129.9  
 150 157.1 0.0 345.0

