

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090623\  
 Data File : VX037560.D  
 Acq On : 06 Sep 2023 17:28  
 Operator : JC/MD  
 Sample : 04287-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-090123

Quant Time: Sep 06 22:47:38 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

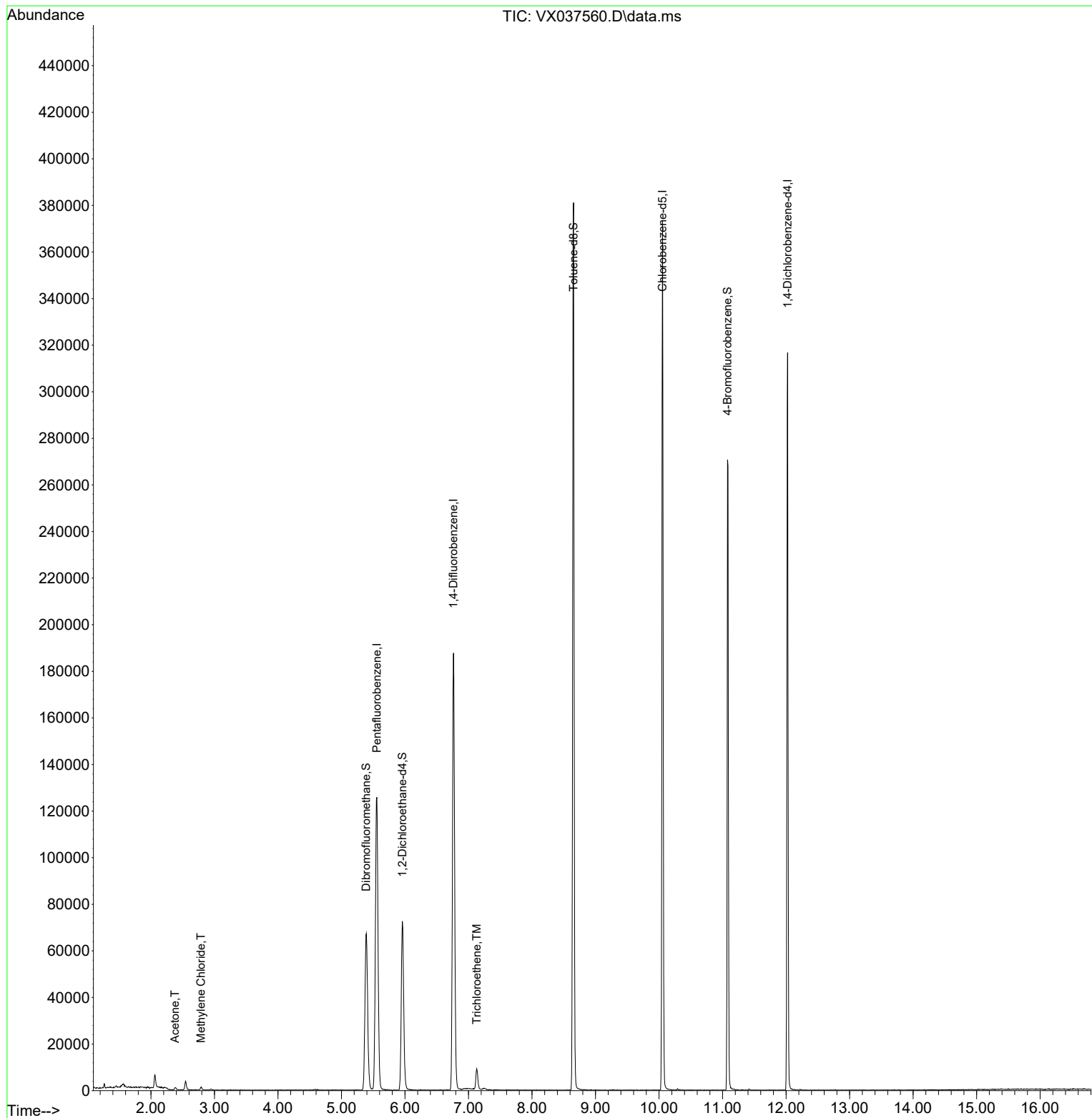
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 122481   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 202568   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 176447   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 68139    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 71680    | 40.594   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 81.180%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 61818    | 46.079   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.160%  |
| 50) Toluene-d8              | 8.653  | 98    | 236786   | 48.658   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.320%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 78778    | 41.193   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 82.380%# |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 1359     | 1.967    | ug/l   | 93       |
| 20) Methylene Chloride      | 2.788  | 84    | 725      | 0.469    | ug/l # | 79       |
| 44) Trichloroethene         | 7.129  | 130   | 3816     | 2.462    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

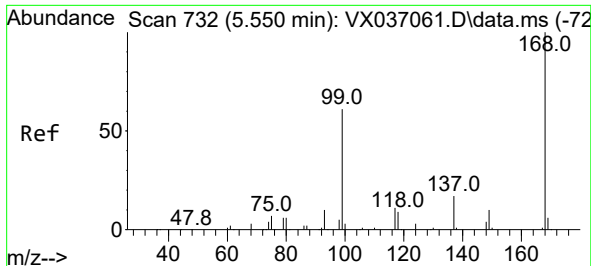
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

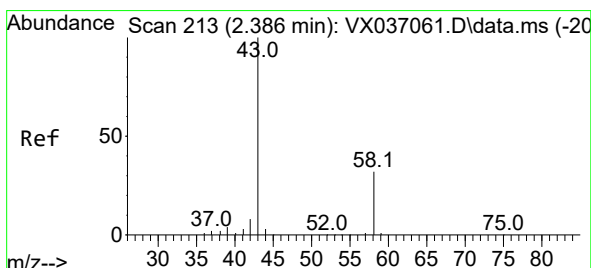
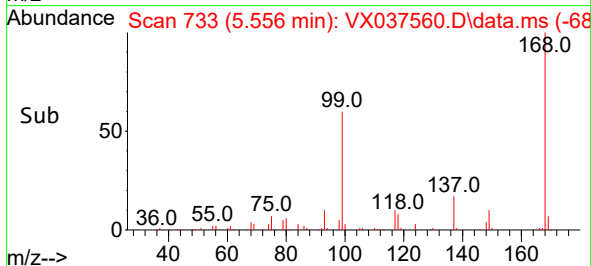
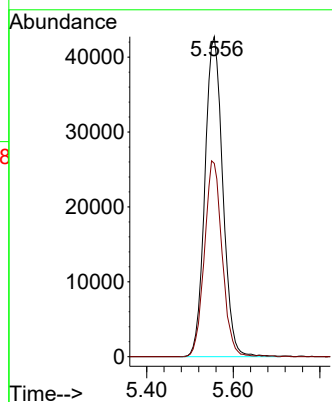
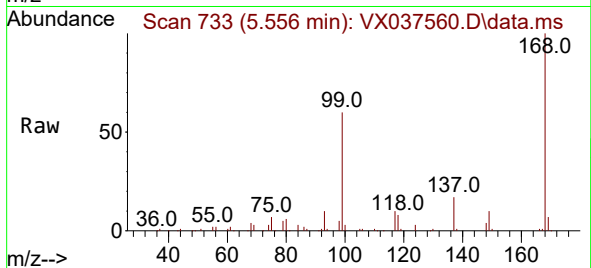




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037560.D  
Acq: 06 Sep 2023 17:28

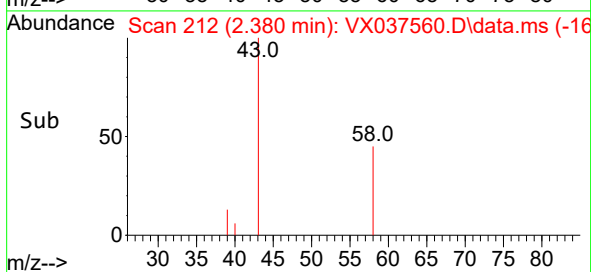
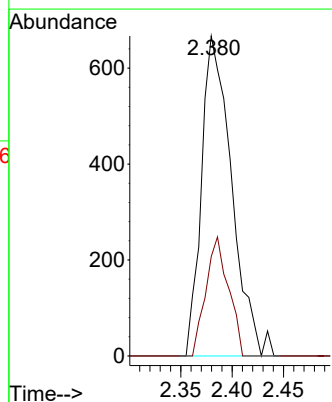
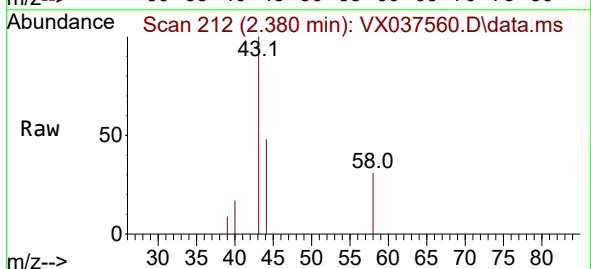
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-090123

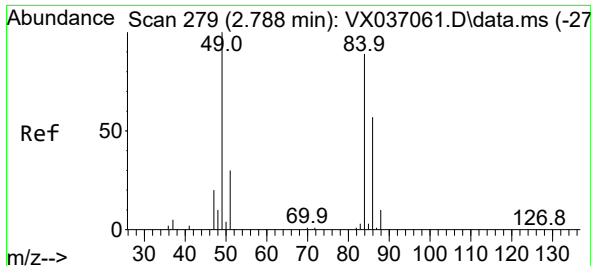
Tgt Ion:168 Resp: 122481  
Ion Ratio Lower Upper  
168 100  
99 60.4 56.6 85.0



#16  
Acetone  
Concen: 1.967 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037560.D  
Acq: 06 Sep 2023 17:28

Tgt Ion: 43 Resp: 1359  
Ion Ratio Lower Upper  
43 100  
58 31.0 21.9 32.9





#20

Methylene Chloride

Concen: 0.469 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037560.D

Acq: 06 Sep 2023 17:28

Instrument :

MSVOA\_X

ClientSampleId :

TB-01-090123

Tgt Ion: 84 Resp: 725

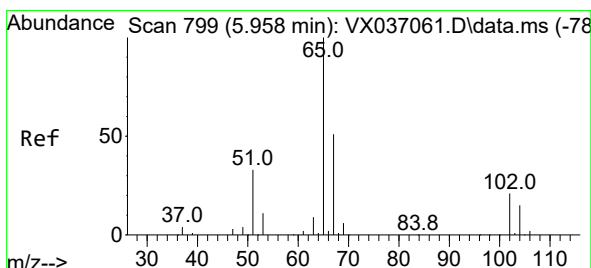
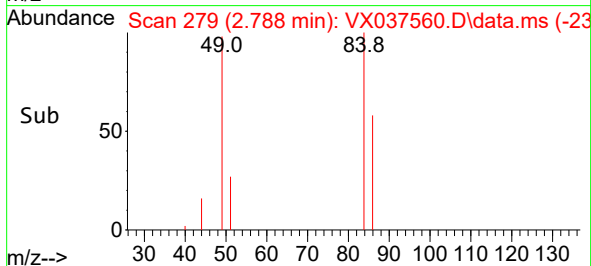
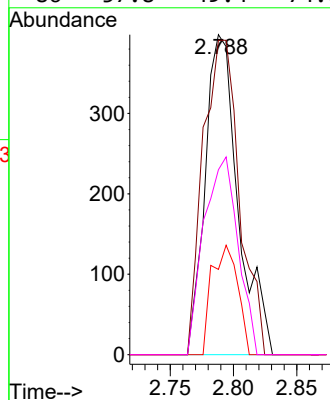
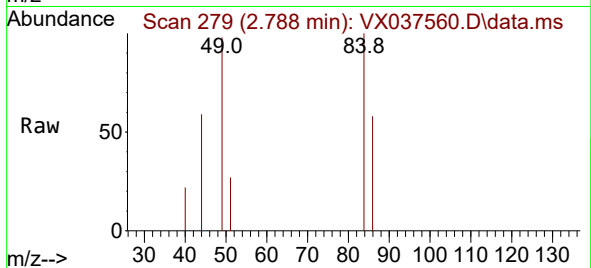
Ion Ratio Lower Upper

84 100

49 98.2 103.6 155.4#

51 26.6 33.8 50.6#

86 57.8 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 40.594 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037560.D

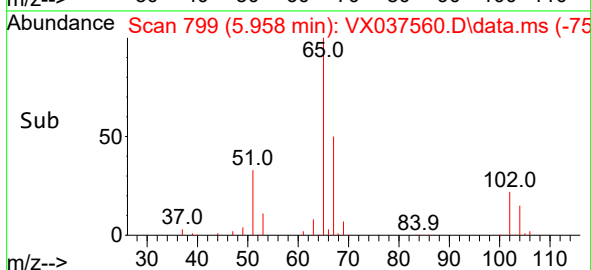
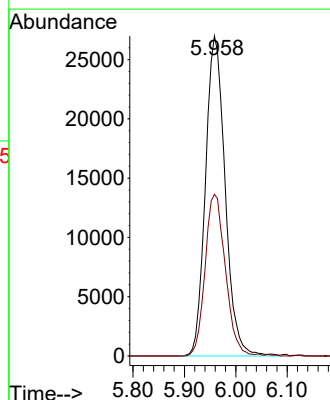
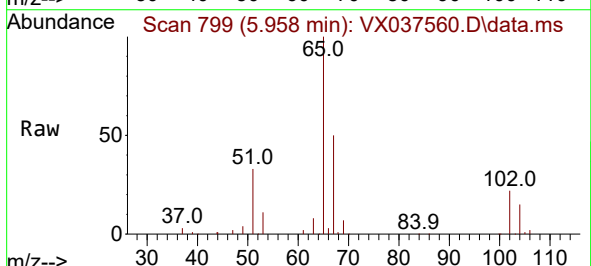
Acq: 06 Sep 2023 17:28

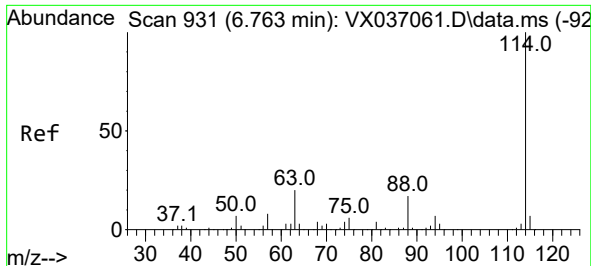
Tgt Ion: 65 Resp: 71680

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2

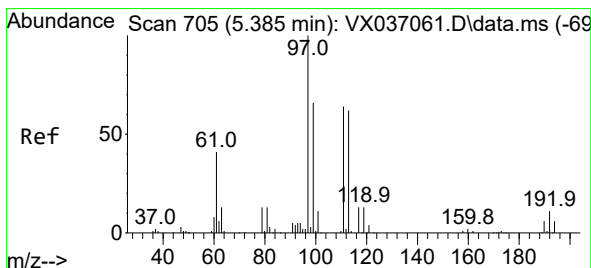
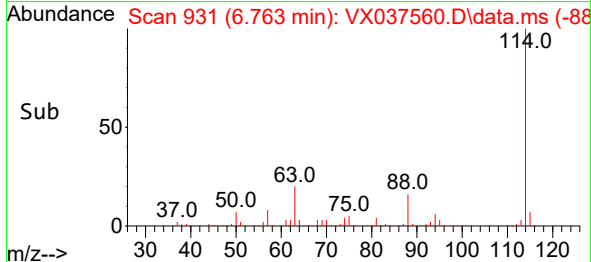
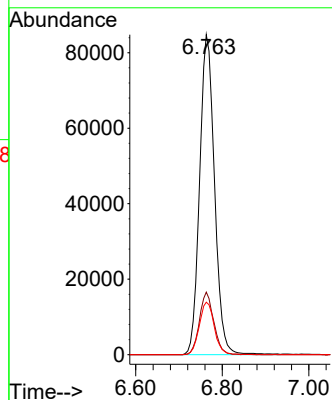
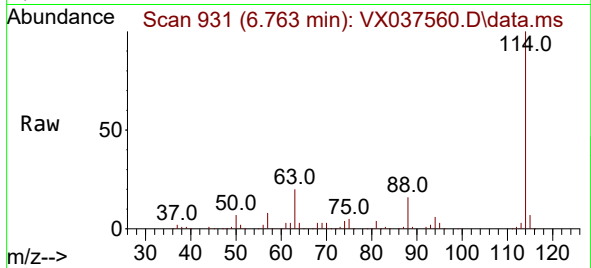




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX037560.D  
Acq: 06 Sep 2023 17:28

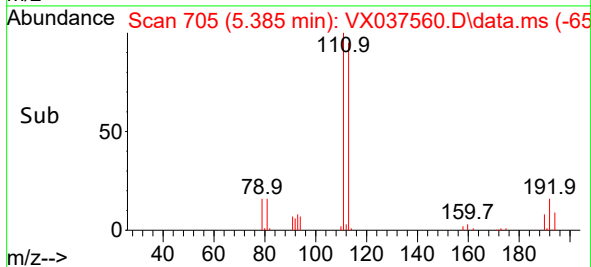
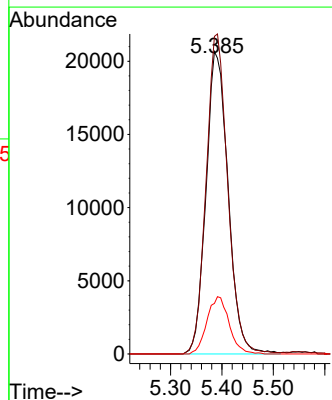
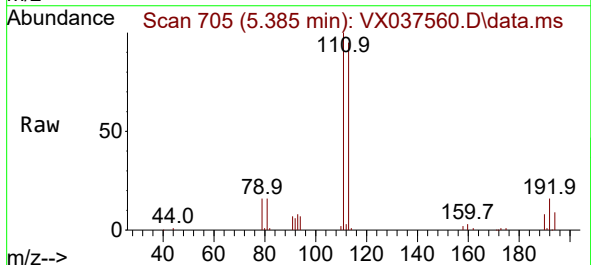
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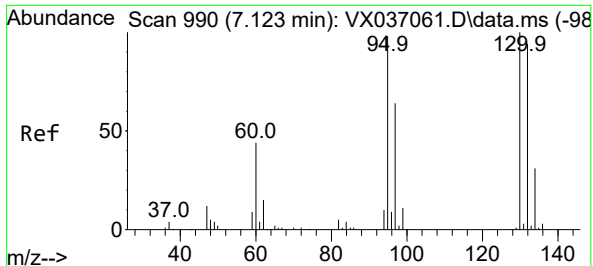
Tgt Ion:114 Resp: 202568  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 45.0  
88 16.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.079 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037560.D  
Acq: 06 Sep 2023 17:28

Tgt Ion:113 Resp: 61818  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.9 124.3  
192 18.9 13.3 19.9

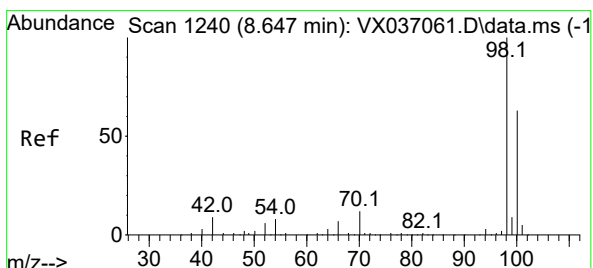
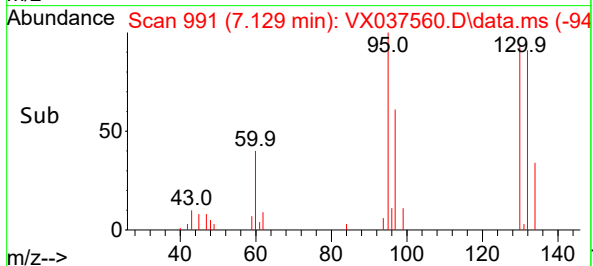
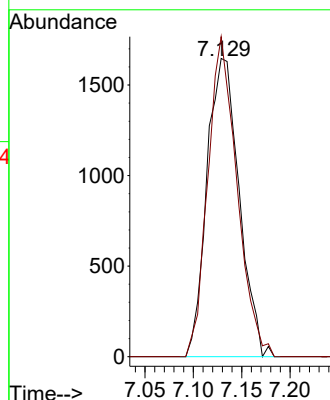
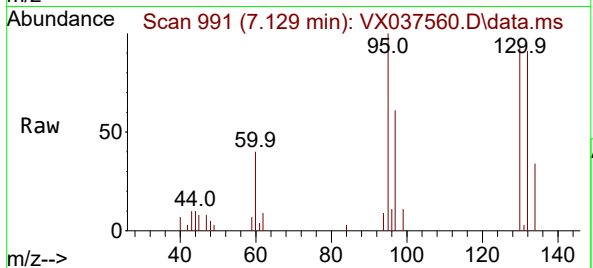




#44  
Trichloroethene  
Concen: 2.462 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX037560.D  
Acq: 06 Sep 2023 17:28

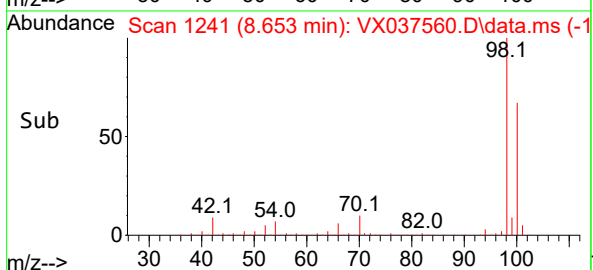
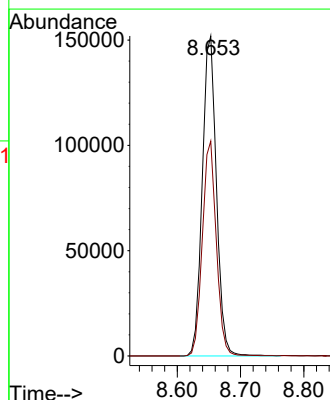
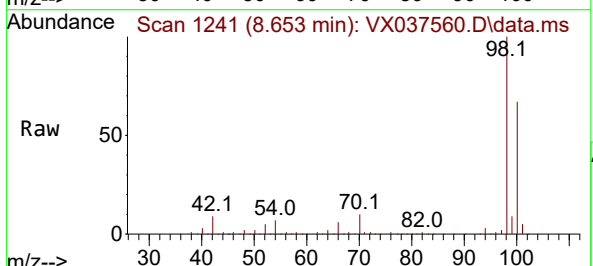
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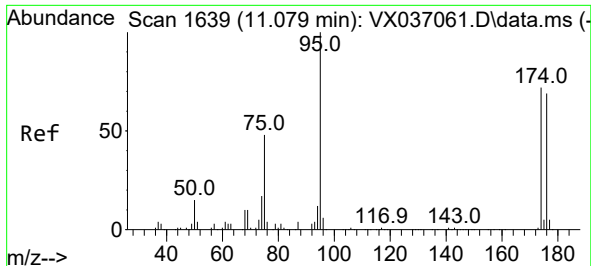
Tgt Ion:130 Resp: 3816  
Ion Ratio Lower Upper  
130 100  
95 107.3 0.0 204.4



#50  
Toluene-d8  
Concen: 48.658 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX037560.D  
Acq: 06 Sep 2023 17:28

Tgt Ion: 98 Resp: 236786  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.1 79.7

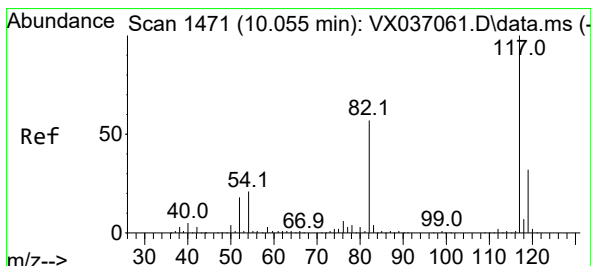
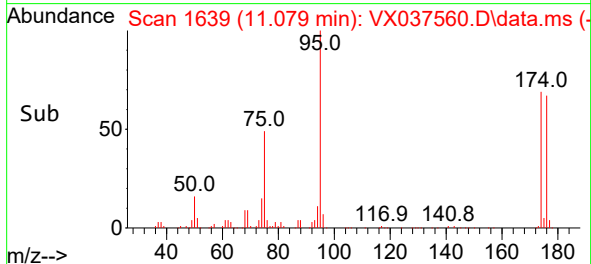
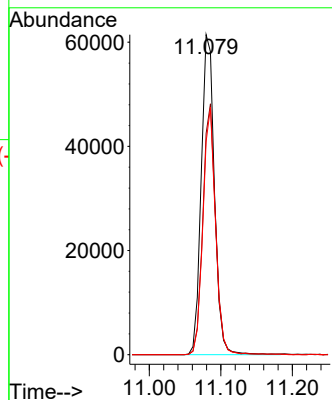
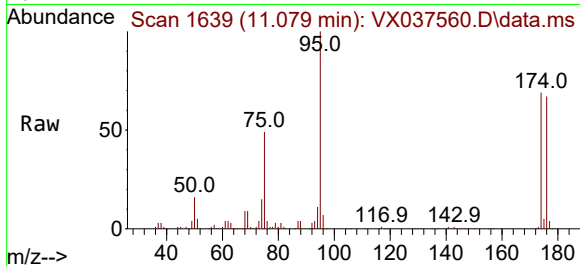




#62  
4-Bromofluorobenzene  
Concen: 41.193 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037560.D  
Acq: 06 Sep 2023 17:28

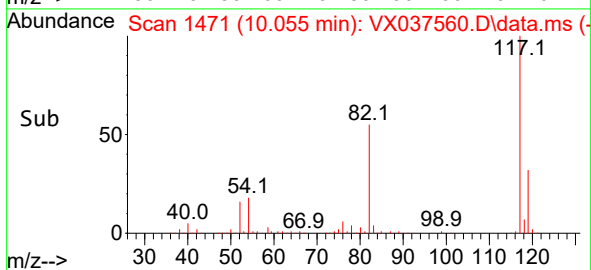
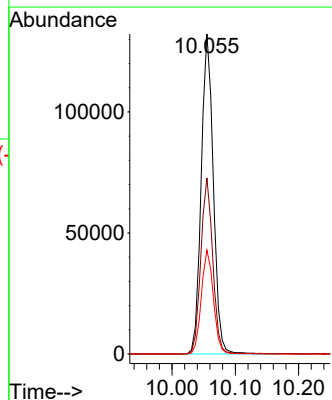
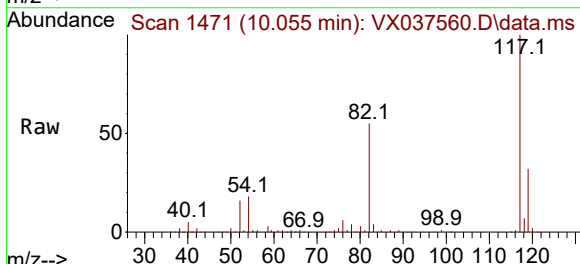
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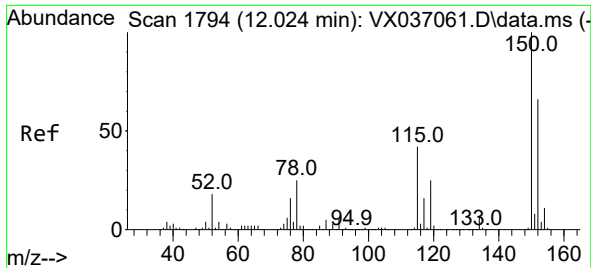
Tgt Ion: 95 Resp: 78778  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 135.6  
176 73.8 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037560.D  
Acq: 06 Sep 2023 17:28

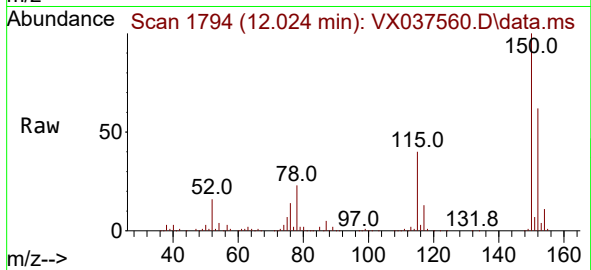
Tgt Ion: 117 Resp: 176447  
Ion Ratio Lower Upper  
117 100  
82 55.0 46.2 69.4  
119 32.4 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX037560.D  
 Acq: 06 Sep 2023 17:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 68139  
 Ion Ratio Lower Upper  
 152 100  
 115 62.7 43.3 129.9  
 150 157.5 0.0 345.0

