

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092225\  
 Data File : VX047706.D  
 Acq On : 22 Sep 2025 15:51  
 Operator : JC/MD  
 Sample : Q3153-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OR-500-COMP-40

Quant Time: Sep 23 01:36:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

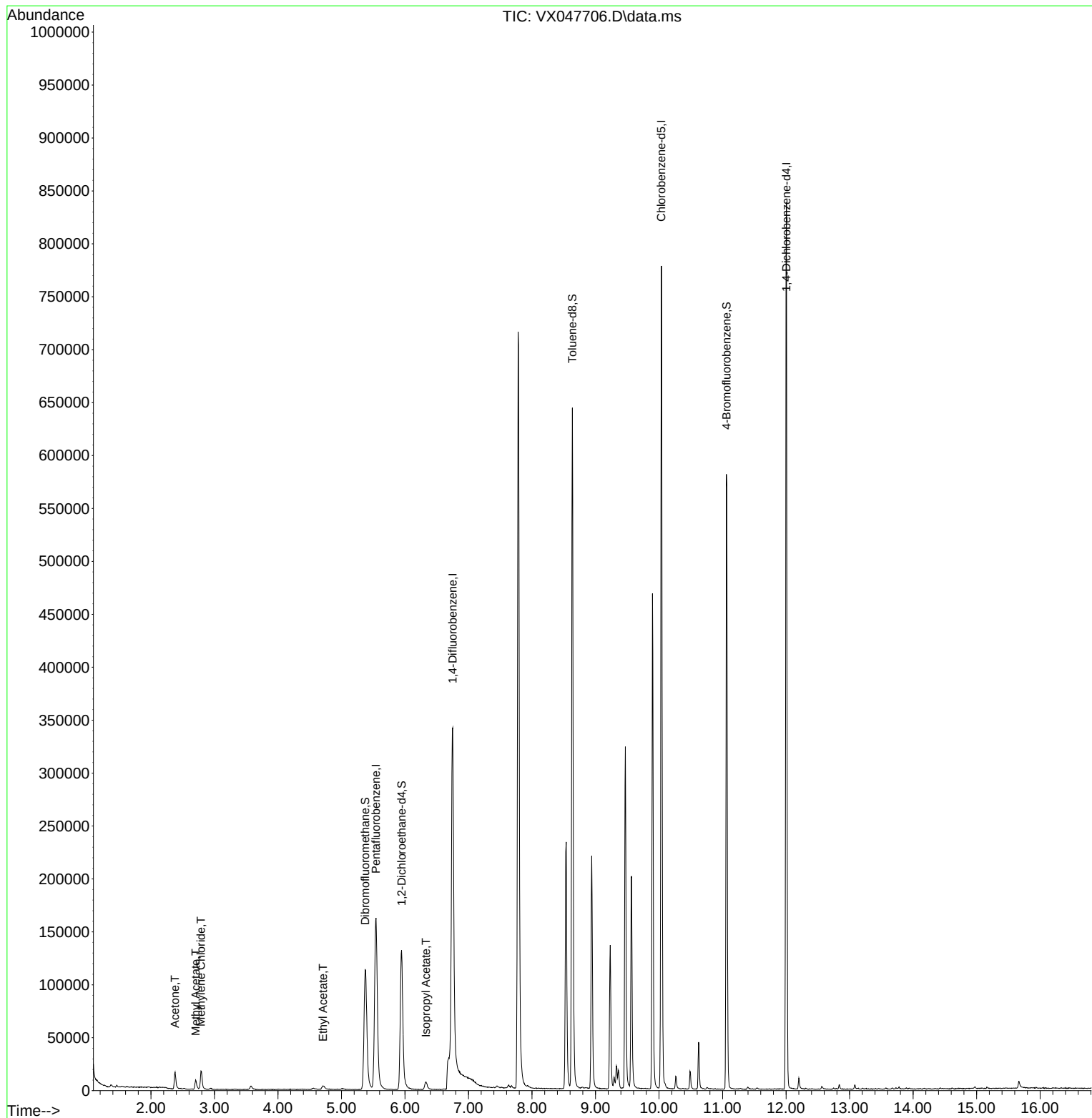
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 163072              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.751          | 114  | 345511              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.037         | 117  | 347216              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.006         | 152  | 178408              | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.946          | 65   | 140179              | 54.004 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 108.000% |        |        |          |
| 35) Dibromofluoromethane    | 5.373          | 113  | 112312              | 48.469 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 96.940%  |        |        |          |
| 50) Toluene-d8              | 8.635          | 98   | 385363              | 48.063 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 96.120%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.061         | 95   | 168071              | 55.233 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 110.460% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
| 16) Acetone                 | 2.380          | 43   | 20951               | 18.563 | ug/l   | 97       |
| 18) Methyl Acetate          | 2.703          | 43   | 12576               | 5.007  | ug/l   | 99       |
| 20) Methylene Chloride      | 2.788          | 84   | 8563                | 3.584  | ug/l   | 97       |
| 37) Ethyl Acetate           | 4.708          | 43   | 8176                | 2.255  | ug/l # | 87       |
| 43) Isopropyl Acetate       | 6.330          | 43   | 11716               | 1.970  | ug/l   | 98       |
| -----                       |                |      |                     |        |        |          |

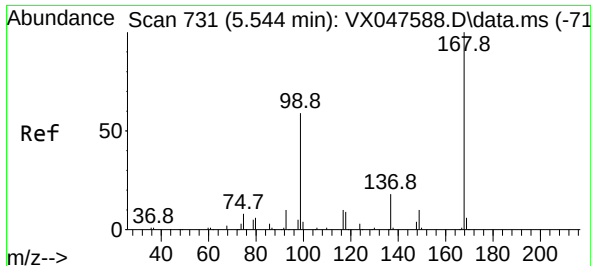
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

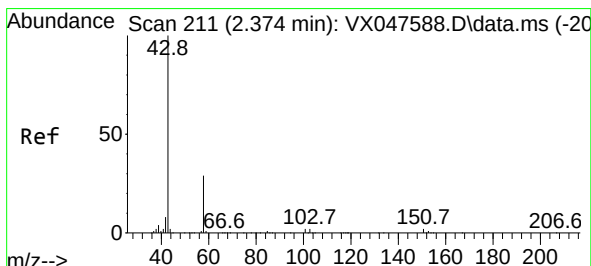
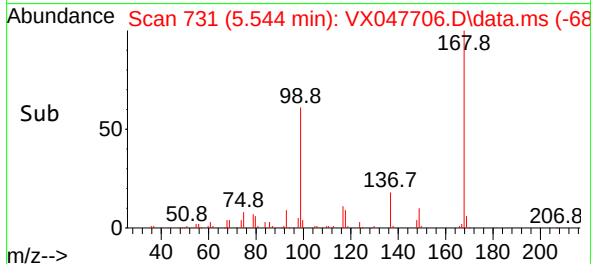
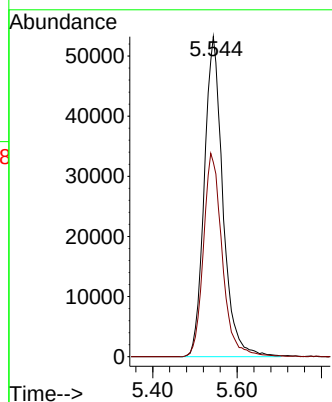
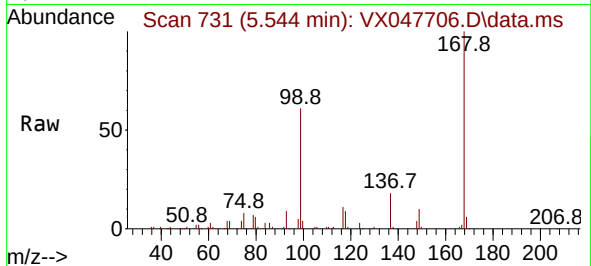




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

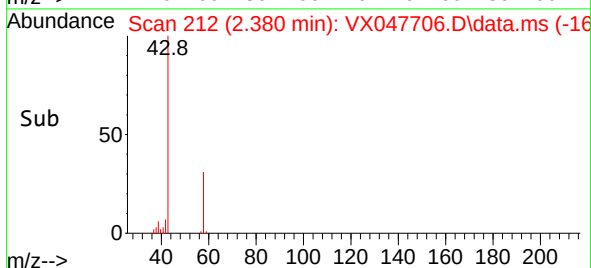
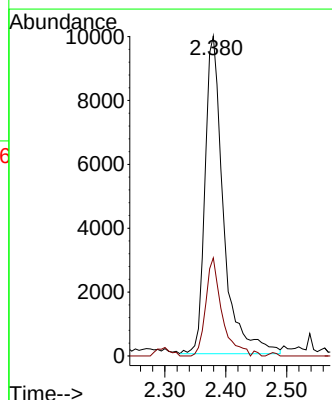
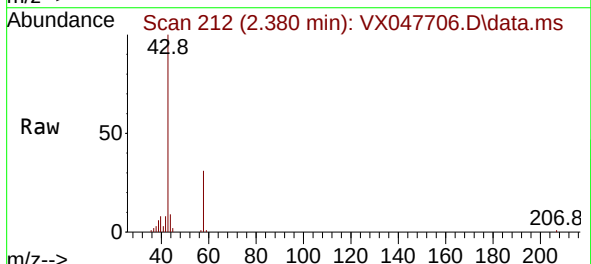
Instrument :  
MSVOA\_X  
ClientSampleId :  
OR-500-COMP-40

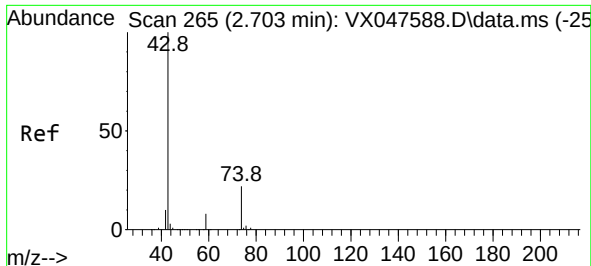
Tgt Ion:168 Resp: 163072  
Ion Ratio Lower Upper  
168 100  
99 60.8 48.8 73.2



#16  
Acetone  
Concen: 18.563 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

Tgt Ion: 43 Resp: 20951  
Ion Ratio Lower Upper  
43 100  
58 30.9 23.4 35.0

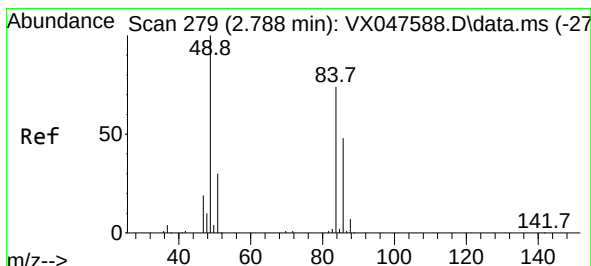
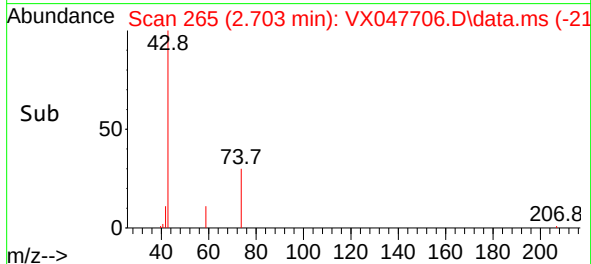
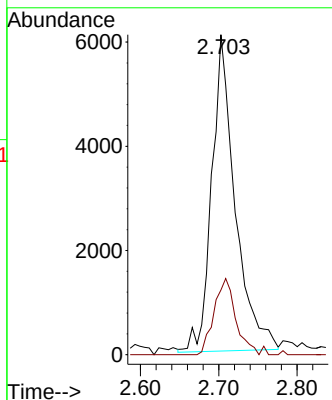
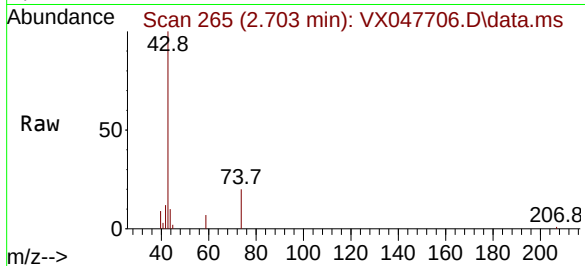




#18  
Methyl Acetate  
Concen: 5.007 ug/l  
RT: 2.703 min Scan# 206  
Delta R.T. -0.000 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

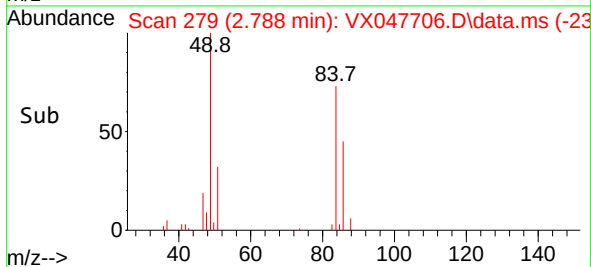
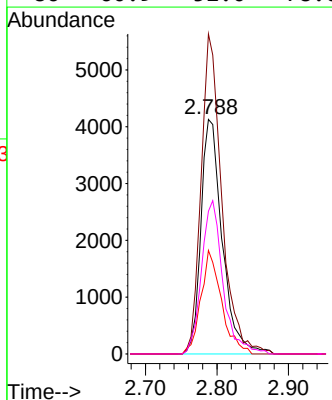
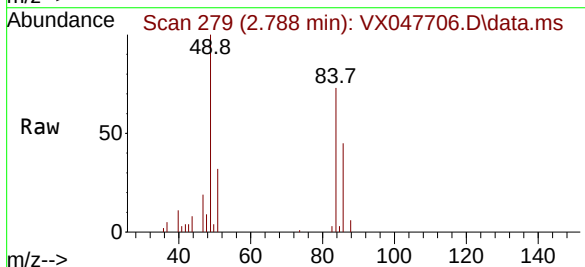
Instrument :  
MSVOA\_X  
ClientSampleId :  
OR-500-COMP-40

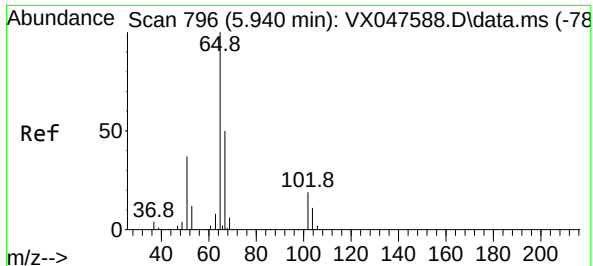
Tgt Ion: 43 Resp: 12576  
Ion Ratio Lower Upper  
43 100  
74 22.3 17.4 26.2



#20  
Methylene Chloride  
Concen: 3.584 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

Tgt Ion: 84 Resp: 8563  
Ion Ratio Lower Upper  
84 100  
49 136.4 108.6 162.8  
51 44.1 32.6 48.8  
86 60.9 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 54.004 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047706.D

Acq: 22 Sep 2025 15:51

Instrument :

MSVOA\_X

ClientSampleId :

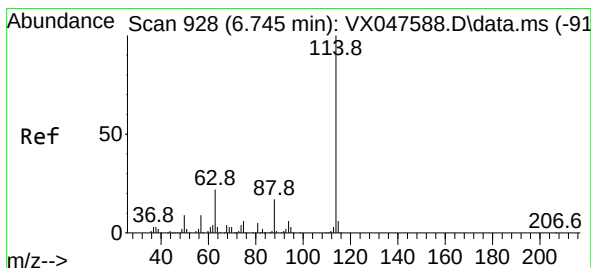
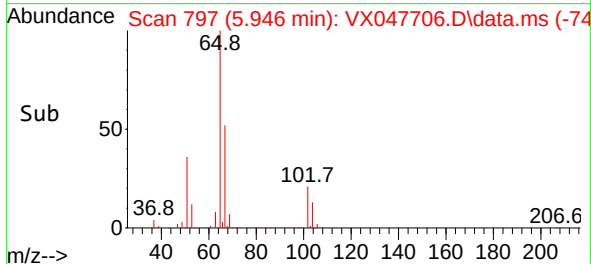
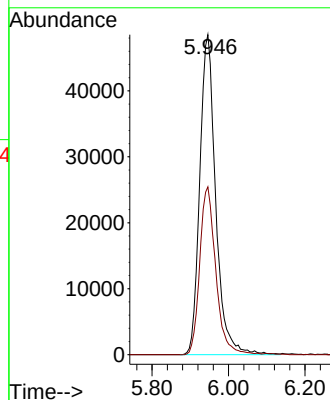
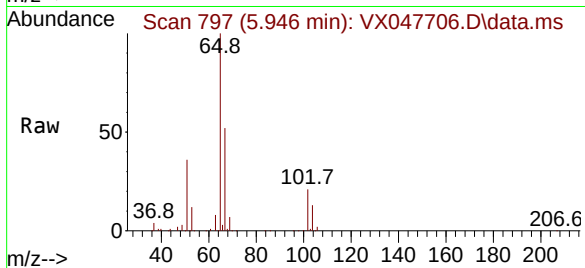
OR-500-COMP-40

Tgt Ion: 65 Resp: 140179

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047706.D

Acq: 22 Sep 2025 15:51

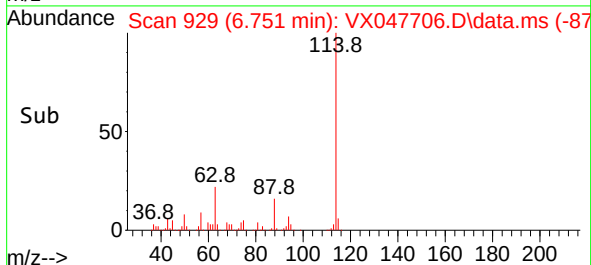
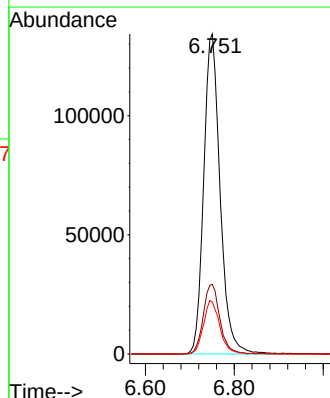
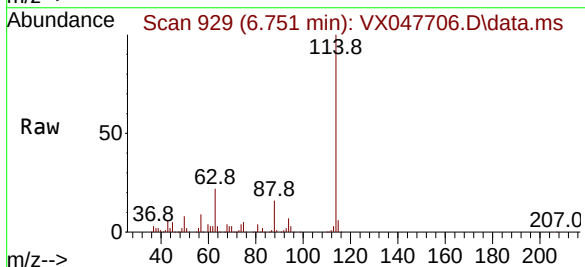
Tgt Ion: 114 Resp: 345511

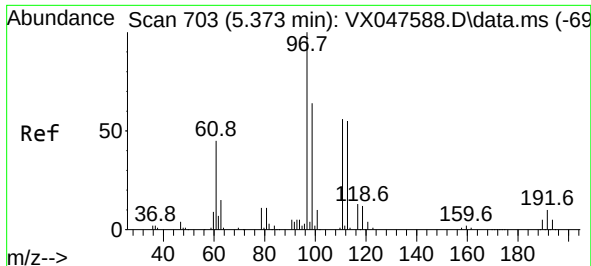
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 16.2 0.0 34.2

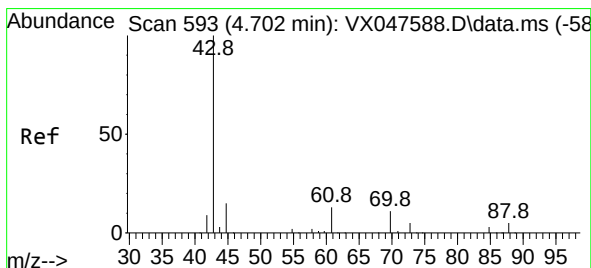
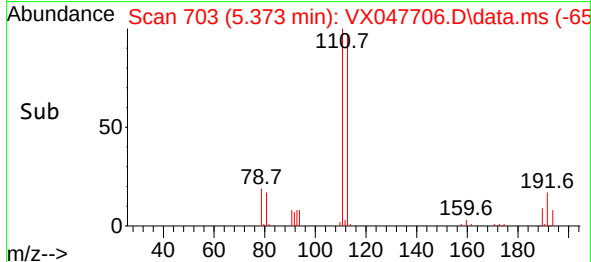
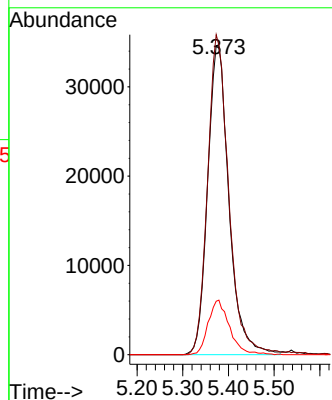
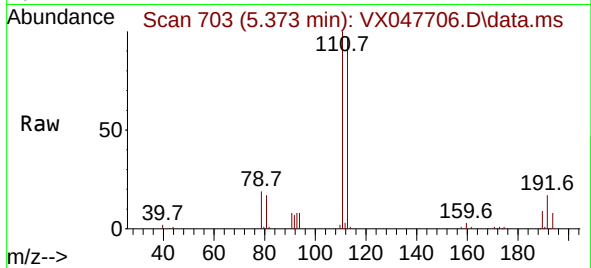




#35  
Dibromofluoromethane  
Concen: 48.469 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

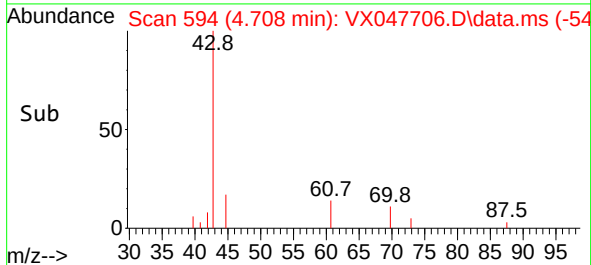
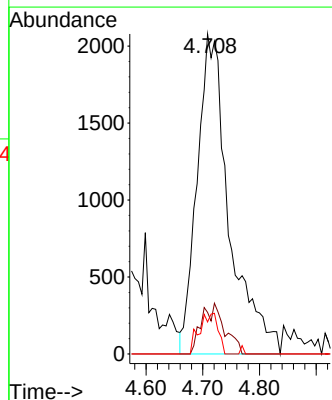
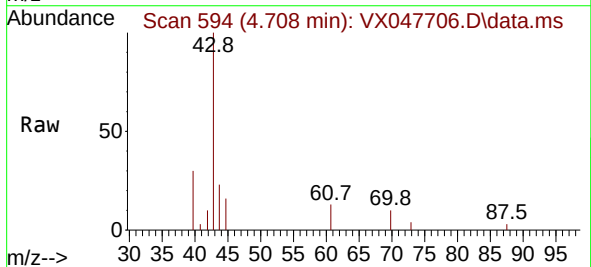
Instrument :  
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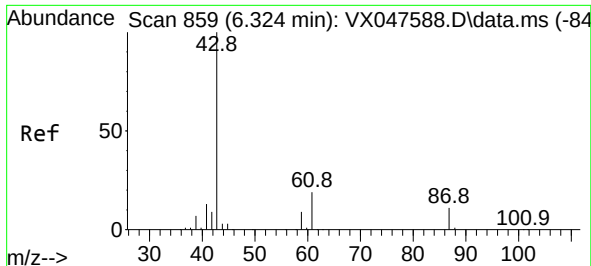
Tgt Ion:113 Resp: 112312  
Ion Ratio Lower Upper  
113 100  
111 102.6 80.9 121.3  
192 17.7 14.2 21.4



#37  
Ethyl Acetate  
Concen: 2.255 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. 0.006 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

Tgt Ion: 43 Resp: 8176  
Ion Ratio Lower Upper  
43 100  
61 5.3 9.8 14.8#  
70 7.4 7.9 11.9#

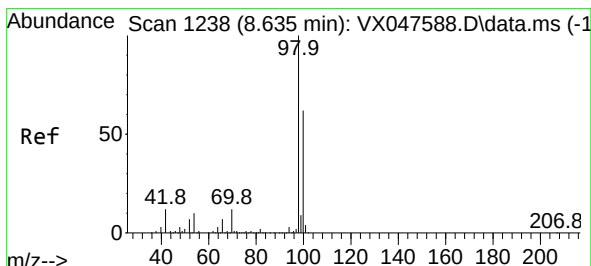
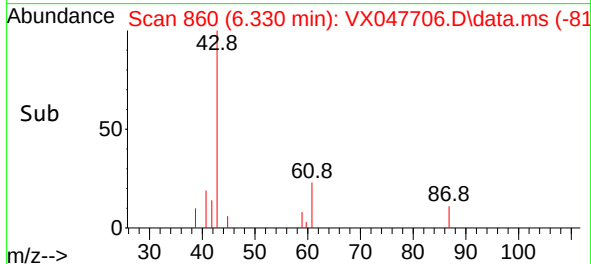
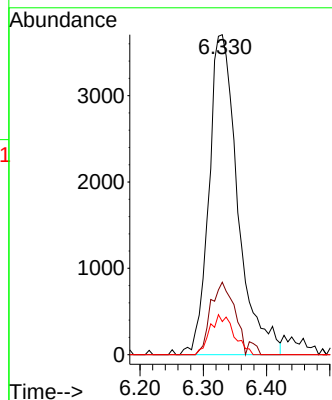
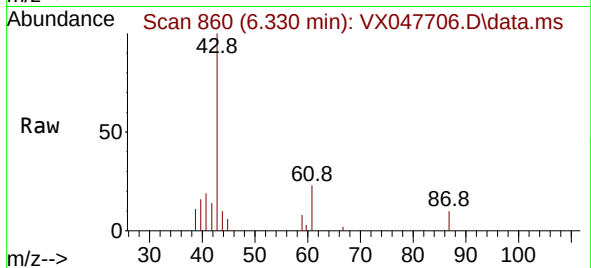




#43  
Isopropyl Acetate  
Concen: 1.970 ug/l  
RT: 6.330 min Scan# 860  
Delta R.T. 0.006 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

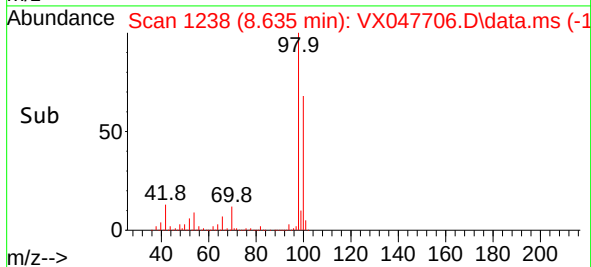
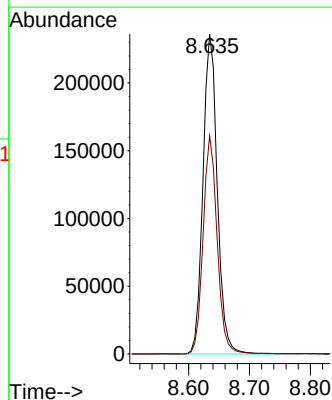
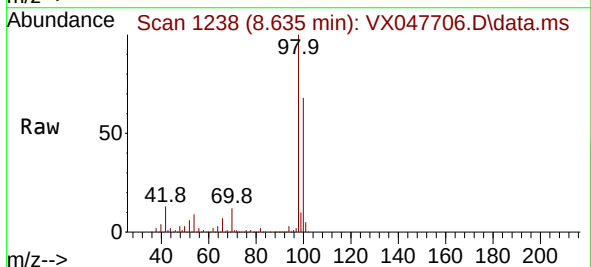
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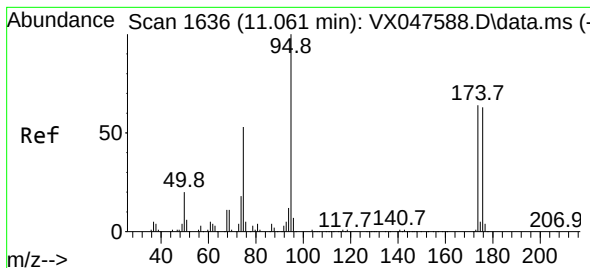
Tgt Ion: 43 Resp: 11716  
Ion Ratio Lower Upper  
43 100  
61 18.6 15.2 22.8  
87 10.4 9.6 14.4



#50  
Toluene-d8  
Concen: 48.063 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

Tgt Ion: 98 Resp: 385363  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.0 79.4

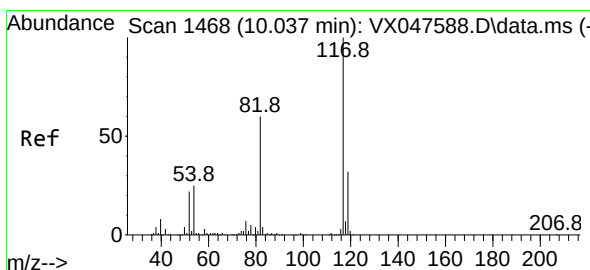
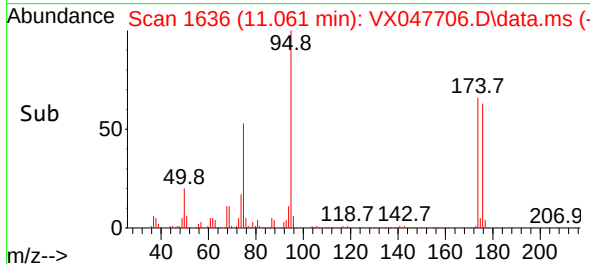
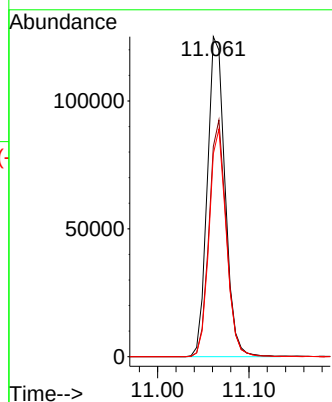
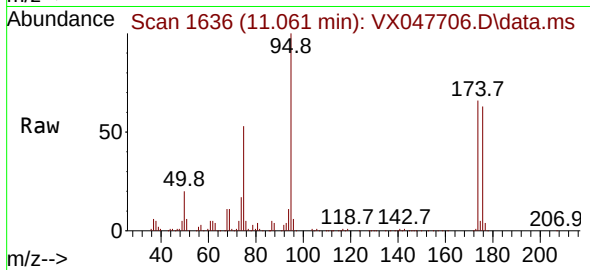




#62  
4-Bromofluorobenzene  
Concen: 55.233 ug/l  
RT: 11.061 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

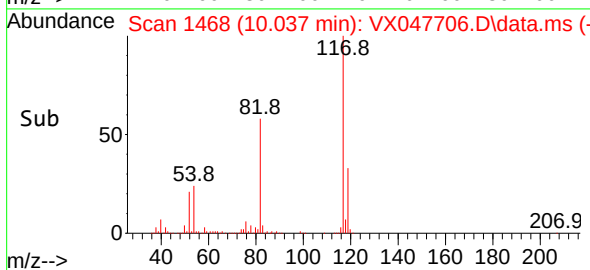
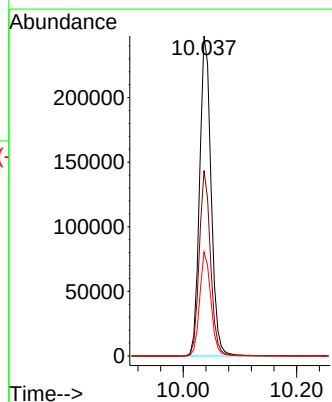
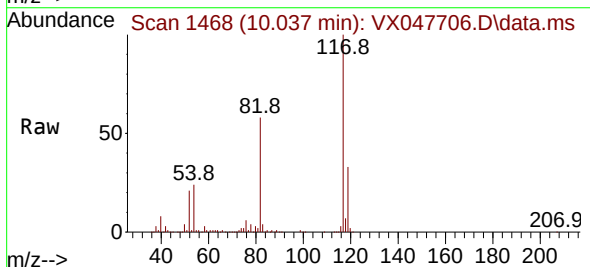
Instrument :  
MSVOA\_X  
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OR-500-COMP-40

Tgt Ion: 95 Resp: 168071  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 141.6  
176 69.2 0.0 138.4

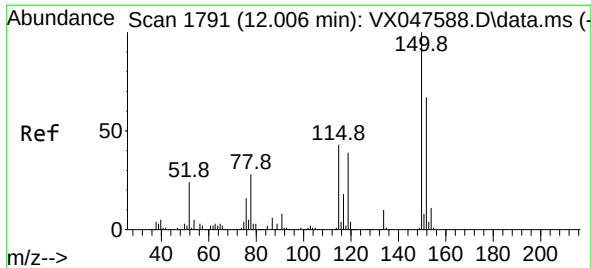


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047706.D  
Acq: 22 Sep 2025 15:51

Tgt Ion: 117 Resp: 347216  
Ion Ratio Lower Upper  
117 100  
82 57.9 47.8 71.6  
119 32.5 25.2 37.8

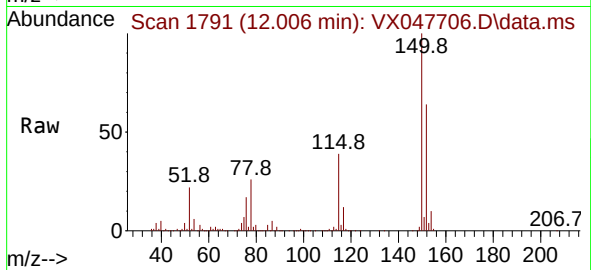






#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX047706.D  
 Acq: 22 Sep 2025 15:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OR-500-COMP-40



Tgt Ion:152 Resp: 178408  
 Ion Ratio Lower Upper  
 152 100  
 115 62.7 44.9 134.5  
 150 153.8 0.0 352.0

