

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041525\  
 Data File : VY021893.D  
 Acq On : 15 Apr 2025 14:02  
 Operator : SY/MD  
 Sample : Q1790-05  
 Misc : 6.74g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 S-872-G1-SO-20.0-20.5-041025

Quant Time: Apr 15 14:34:24 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032725S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 28 02:30:29 2025  
 Response via : Initial Calibration

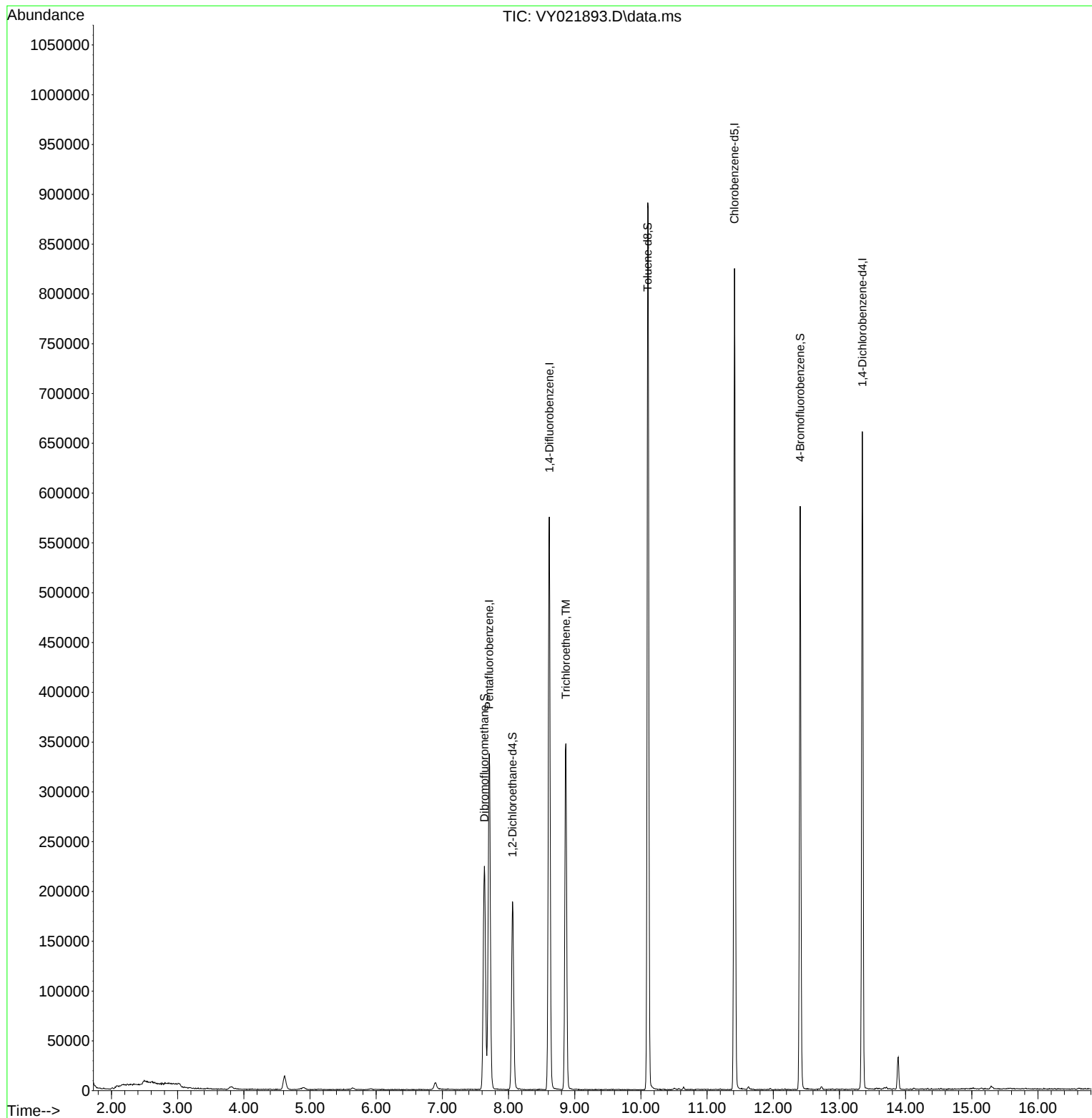
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.707  | 168   | 254996   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 479651   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 417866   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 162786   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 149362   | 54.062   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 108.120% |           |
| 35) Dibromofluoromethane    | 7.634  | 113   | 159738   | 51.339   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 102.680% |           |
| 50) Toluene-d8              | 10.103 | 98    | 579183   | 48.931   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 97.860%  |           |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 169580   | 42.355   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 84.720%  |           |
| Target Compounds            |        |       |          |          |            |           |
| 44) Trichloroethene         | 8.866  | 130   | 120734   | 33.387   | ug/l       | Qvalue 99 |
| -----                       |        |       |          |          |            |           |

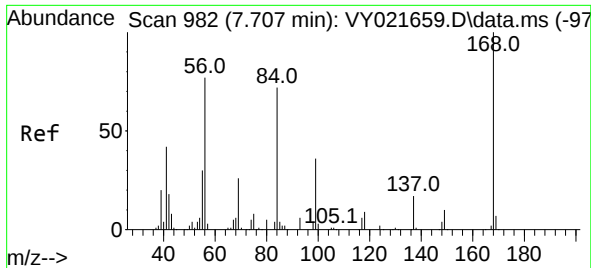
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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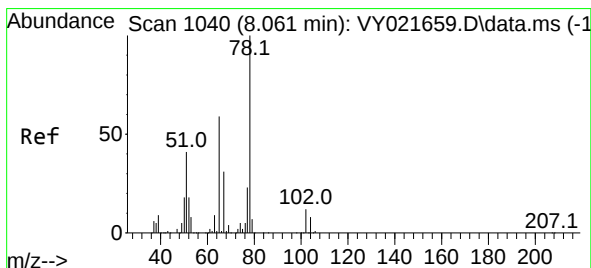
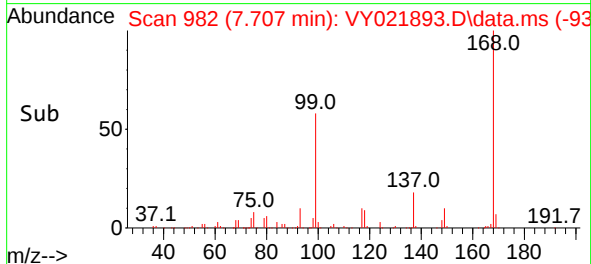
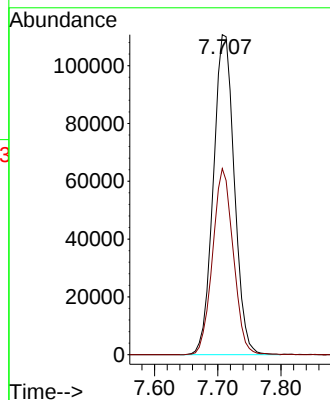
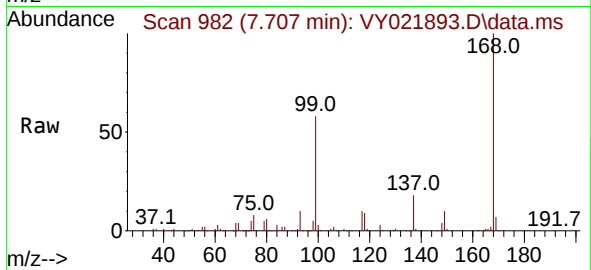




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: VY021893.D  
Acq: 15 Apr 2025 14:02

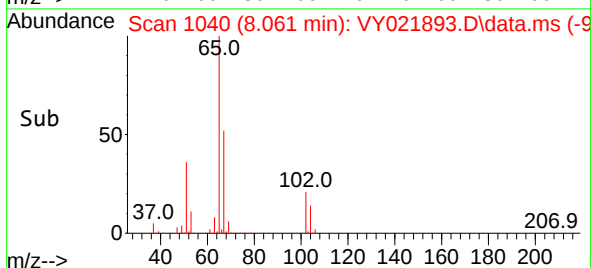
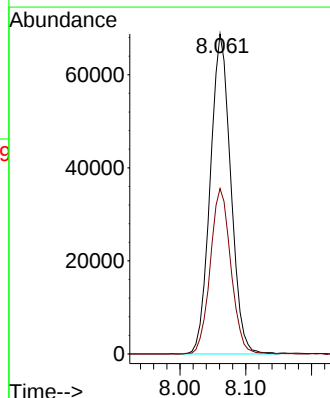
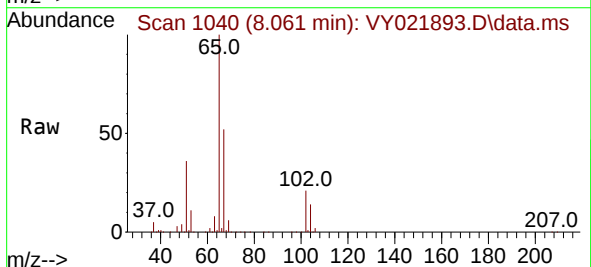
Instrument :  
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ClientSampleId :  
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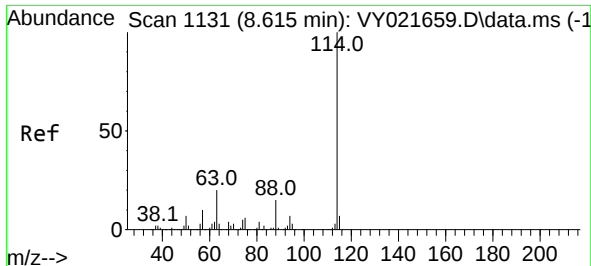
Tgt Ion:168 Resp: 254996  
Ion Ratio Lower Upper  
168 100  
99 58.1 46.7 70.1



#33  
1,2-Dichloroethane-d4  
Concen: 54.062 ug/l  
RT: 8.061 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY021893.D  
Acq: 15 Apr 2025 14:02

Tgt Ion: 65 Resp: 149362  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 104.6

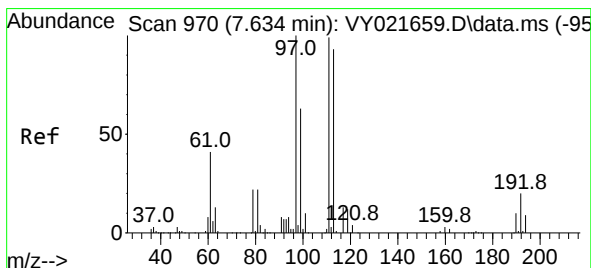
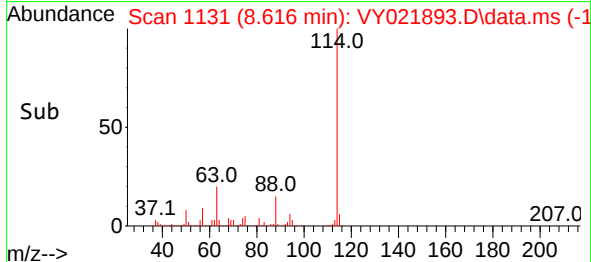
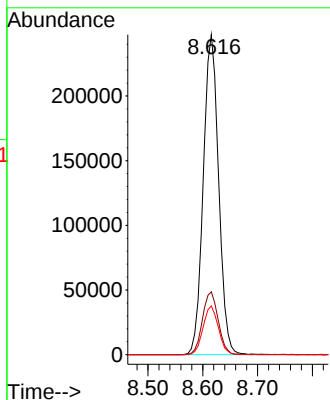
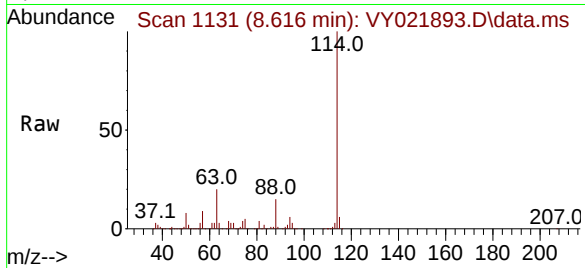




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.616 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VY021893.D  
Acq: 15 Apr 2025 14:02

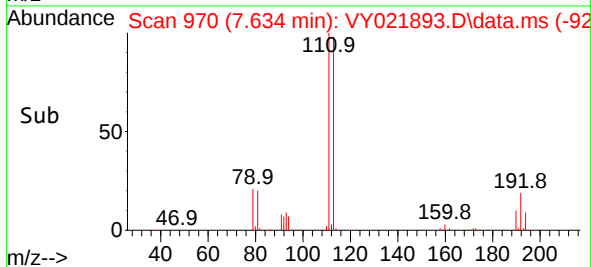
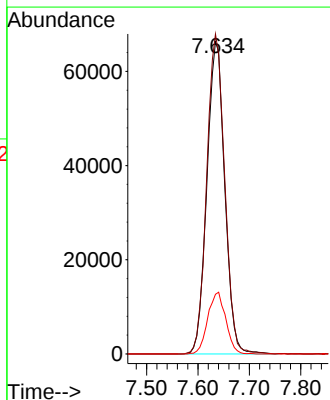
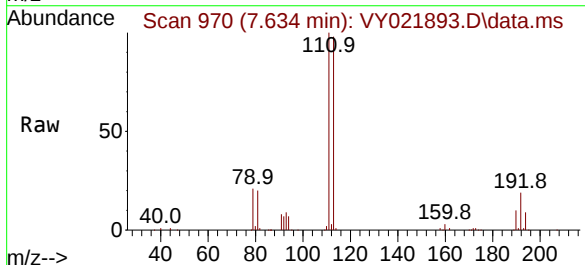
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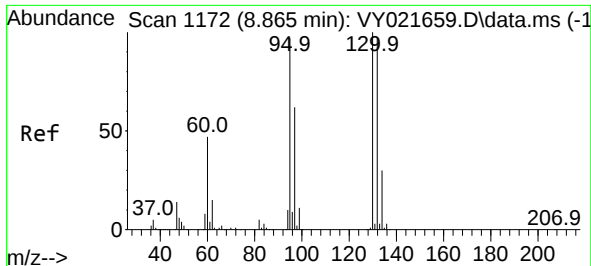
Tgt Ion:114 Resp: 479651  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 40.2  
88 15.2 0.0 29.8



#35  
Dibromofluoromethane  
Concen: 51.339 ug/l  
RT: 7.634 min Scan# 970  
Delta R.T. 0.000 min  
Lab File: VY021893.D  
Acq: 15 Apr 2025 14:02

Tgt Ion:113 Resp: 159738  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.6 123.8  
192 20.0 16.2 24.4

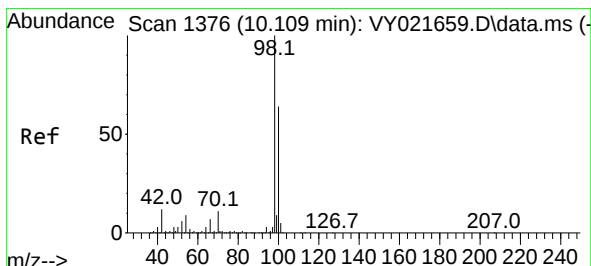
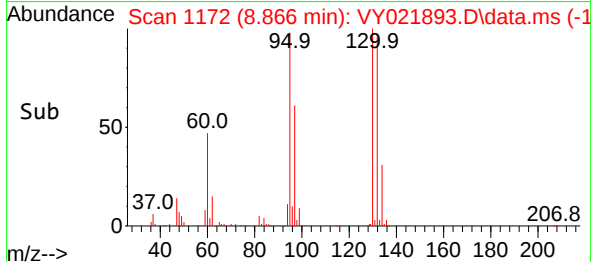
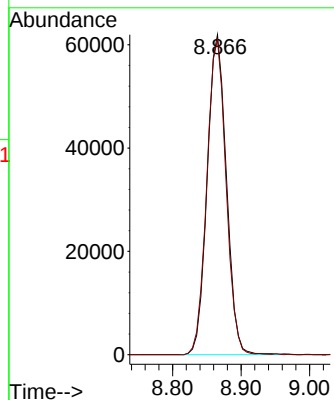
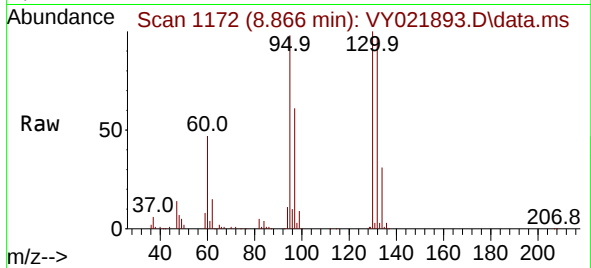




#44  
 Trichloroethene  
 Concen: 33.387 ug/l  
 RT: 8.866 min Scan# 1172  
 Delta R.T. 0.000 min  
 Lab File: VY021893.D  
 Acq: 15 Apr 2025 14:02

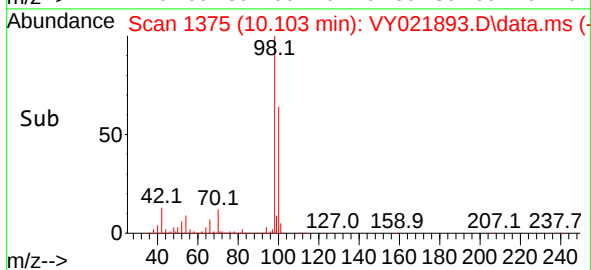
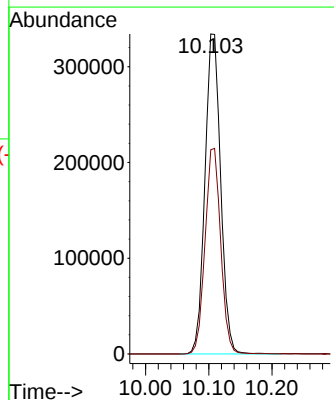
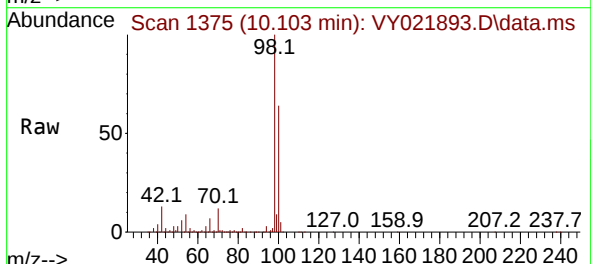
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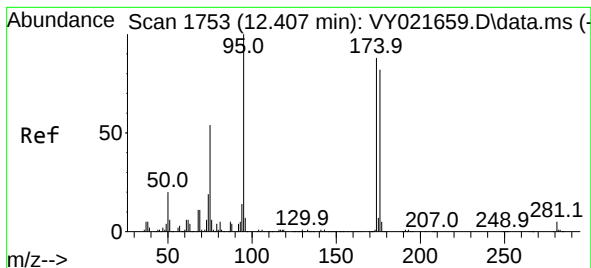
Tgt Ion:130 Resp: 120734  
 Ion Ratio Lower Upper  
 130 100  
 95 98.5 0.0 194.8



#50  
 Toluene-d8  
 Concen: 48.931 ug/l  
 RT: 10.103 min Scan# 1375  
 Delta R.T. -0.006 min  
 Lab File: VY021893.D  
 Acq: 15 Apr 2025 14:02

Tgt Ion: 98 Resp: 579183  
 Ion Ratio Lower Upper  
 98 100  
 100 63.9 52.1 78.1

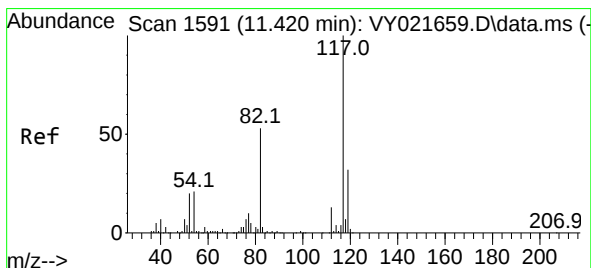
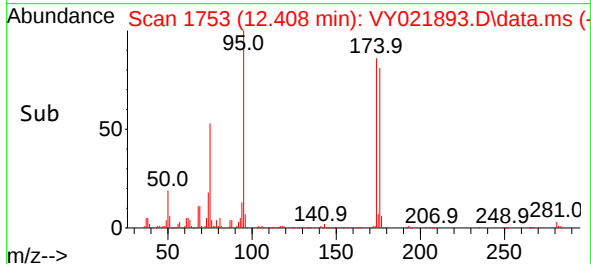
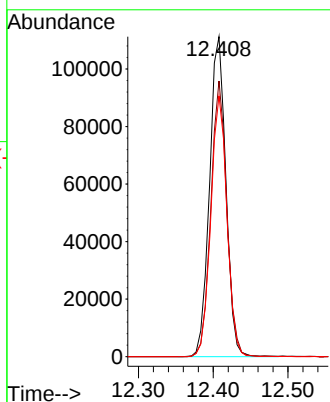
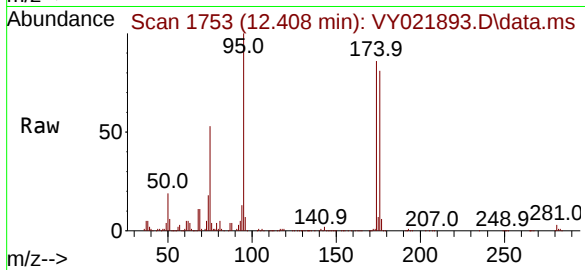




#62  
4-Bromofluorobenzene  
Concen: 42.355 ug/l  
RT: 12.408 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021893.D  
Acq: 15 Apr 2025 14:02

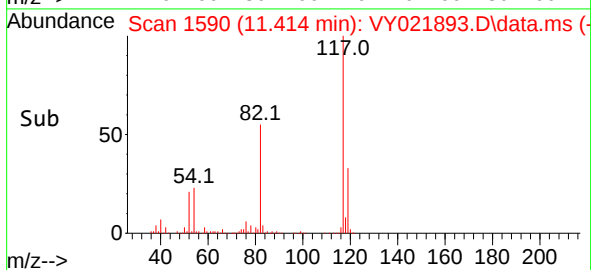
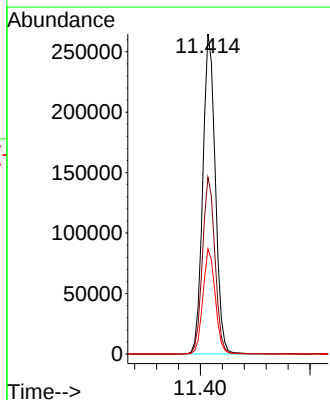
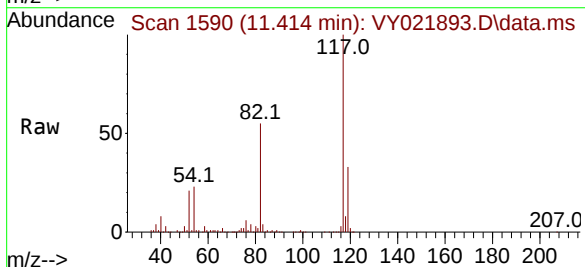
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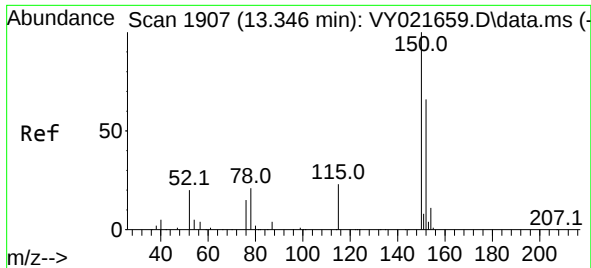
Tgt Ion: 95 Resp: 169580  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 170.8  
176 80.4 0.0 162.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 1590  
Delta R.T. -0.006 min  
Lab File: VY021893.D  
Acq: 15 Apr 2025 14:02

Tgt Ion: 117 Resp: 417866  
Ion Ratio Lower Upper  
117 100  
82 55.2 42.8 64.2  
119 32.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021893.D

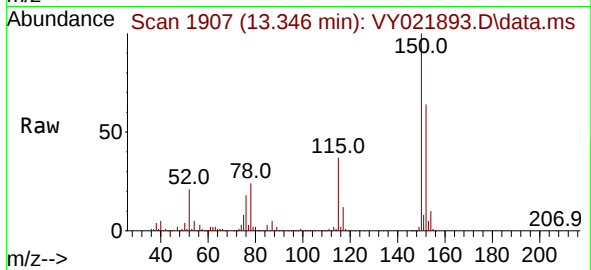
Acq: 15 Apr 2025 14:02

Instrument :

MSVOA\_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025



Tgt Ion:152 Resp: 162786

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 155.5 0.0 348.4

