

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040225\  
 Data File : VY021753.D  
 Acq On : 02 Apr 2025 12:34  
 Operator : SY/MD  
 Sample : Q1692-01RE  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 NB-08-04012025RE

Quant Time: Apr 03 03:35:22 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

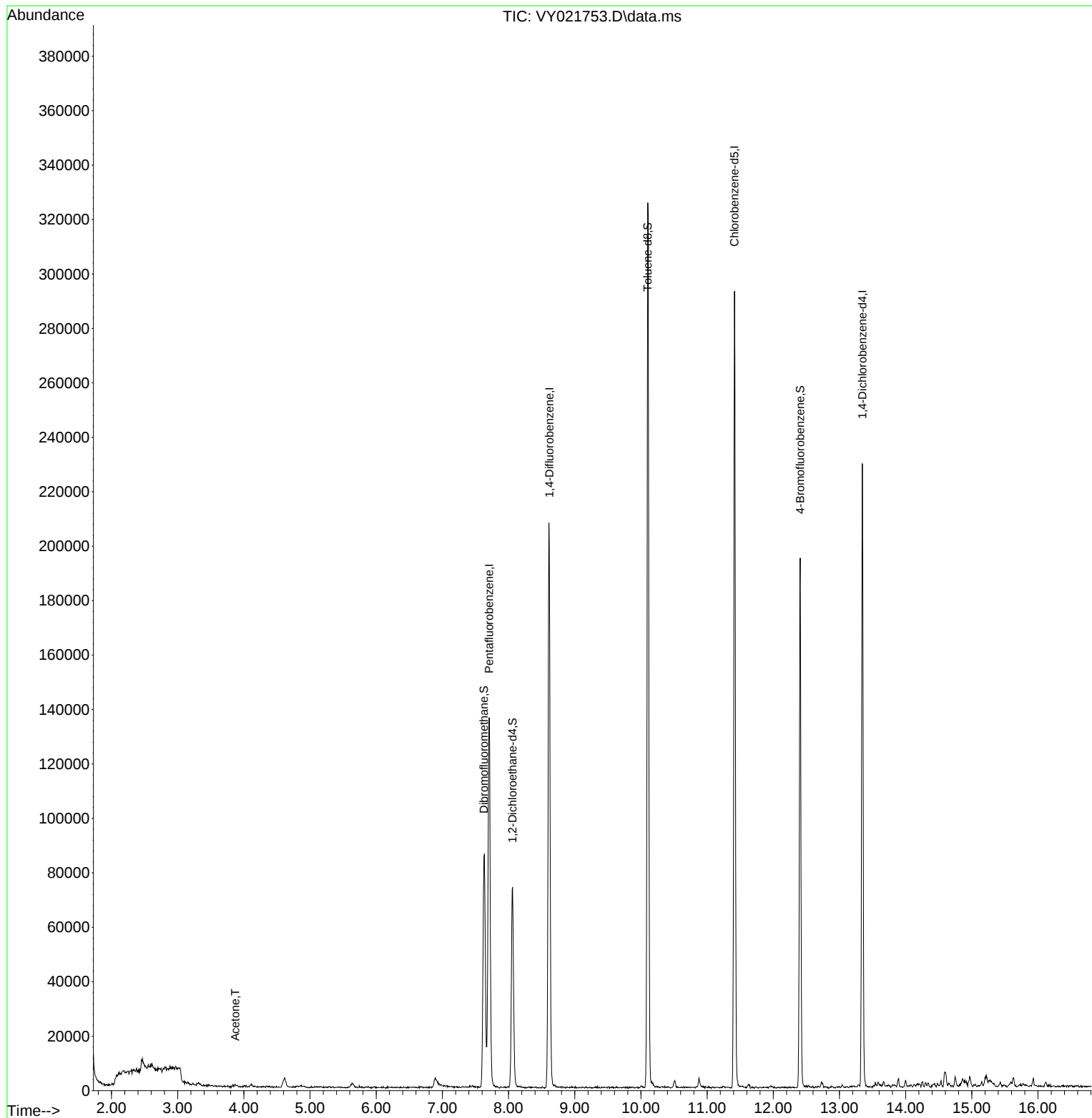
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 7.707  | 168   | 100947   | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.615  | 114   | 173709   | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 150448   | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.346 | 152   | 56708    | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 58329    | 53.330   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 106.660% |             |
| 35) Dibromofluoromethane    | 7.628  | 113   | 61482    | 54.562   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 109.120% |             |
| 50) Toluene-d8              | 10.103 | 98    | 208259   | 48.582   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 97.160%  |             |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 58253    | 40.175   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 80.340%  |             |
| Target Compounds            |        |       |          |          |            |             |
| 16) Acetone                 | 3.872  | 43    | 1429     | 6.384    | ug/l       | Qvalue # 86 |
| -----                       |        |       |          |          |            |             |

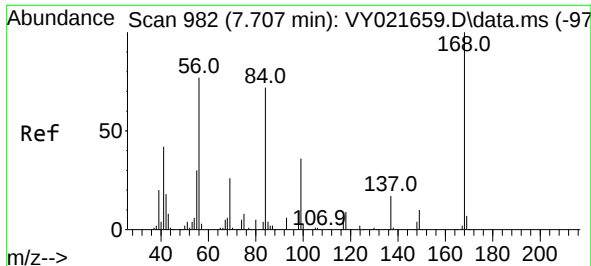
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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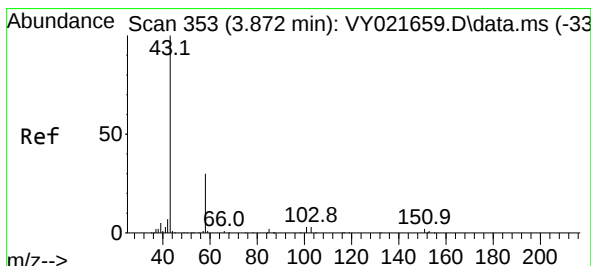
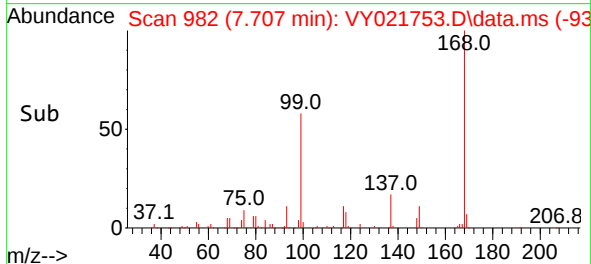
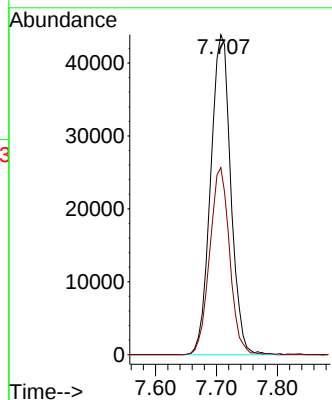
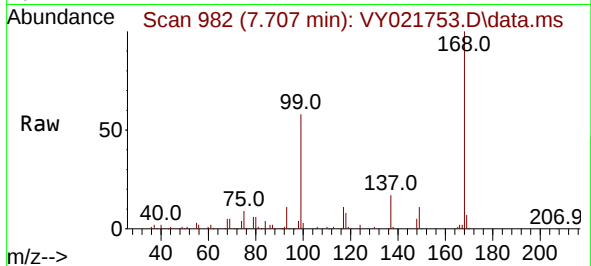




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY021753.D  
Acq: 02 Apr 2025 12:34

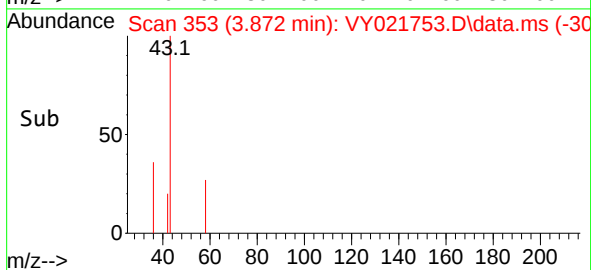
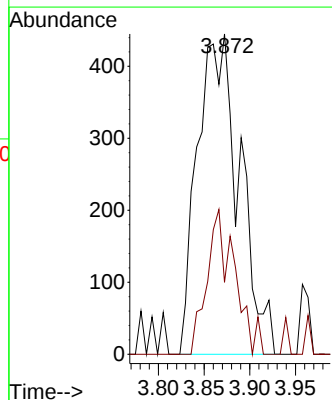
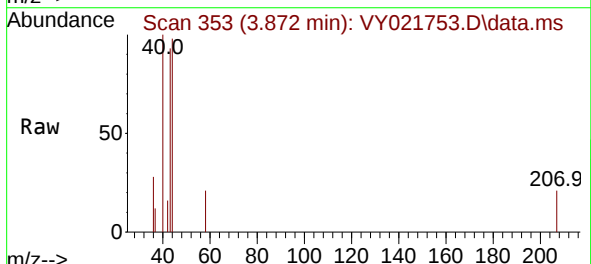
Instrument :  
MSVOA\_Y  
ClientSampleId :  
NB-08-04012025RE

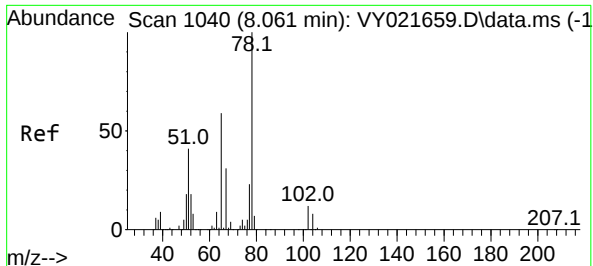
Tgt Ion:168 Resp: 100947  
Ion Ratio Lower Upper  
168 100  
99 58.4 46.7 70.1



#16  
Acetone  
Concen: 6.384 ug/l  
RT: 3.872 min Scan# 353  
Delta R.T. -0.000 min  
Lab File: VY021753.D  
Acq: 02 Apr 2025 12:34

Tgt Ion: 43 Resp: 1429  
Ion Ratio Lower Upper  
43 100  
58 22.5 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 53.330 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021753.D

Acq: 02 Apr 2025 12:34

Instrument :

MSVOA\_Y

ClientSampleId :

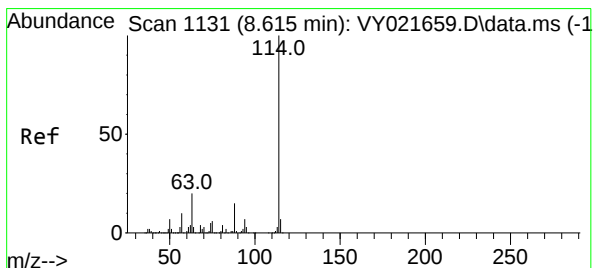
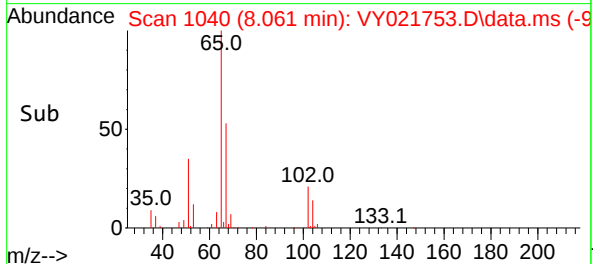
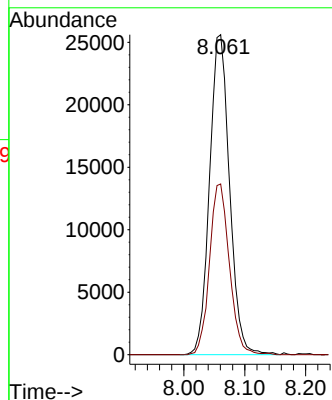
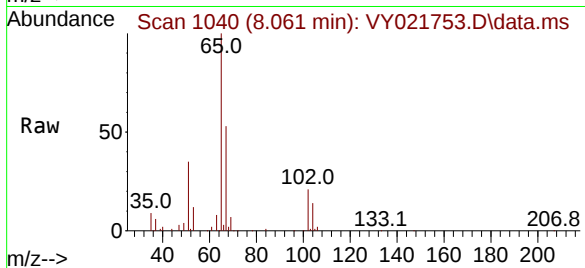
NB-08-04012025RE

Tgt Ion: 65 Resp: 58329

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021753.D

Acq: 02 Apr 2025 12:34

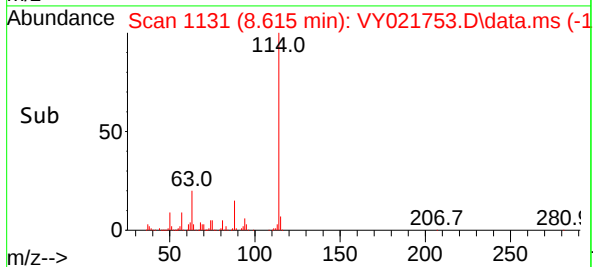
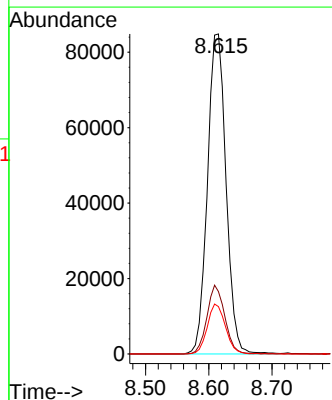
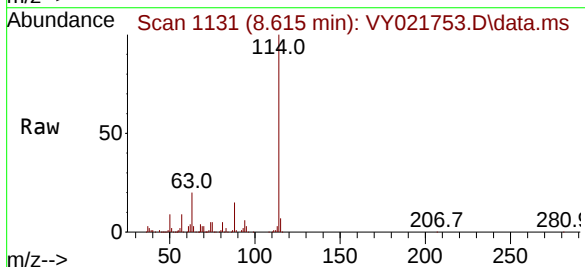
Tgt Ion:114 Resp: 173709

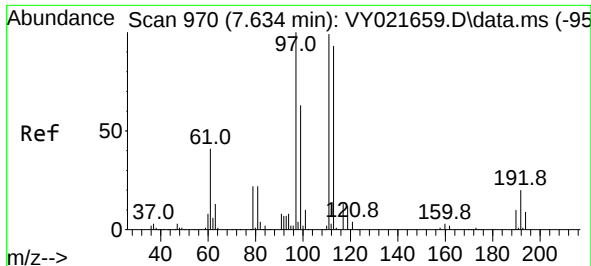
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

88 14.8 0.0 29.8

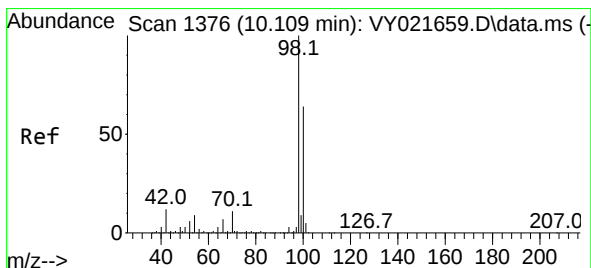
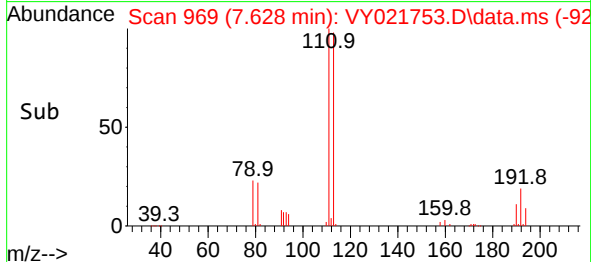
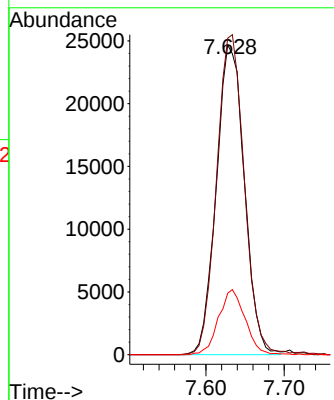
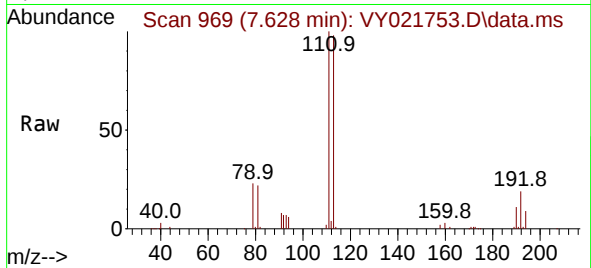




#35  
Dibromofluoromethane  
Concen: 54.562 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY021753.D  
Acq: 02 Apr 2025 12:34

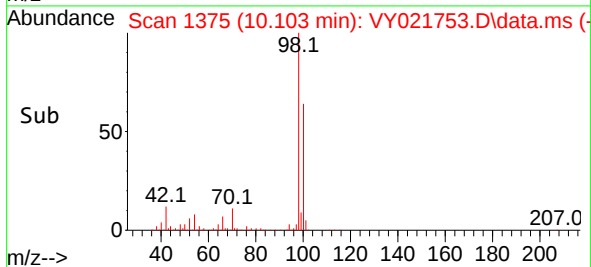
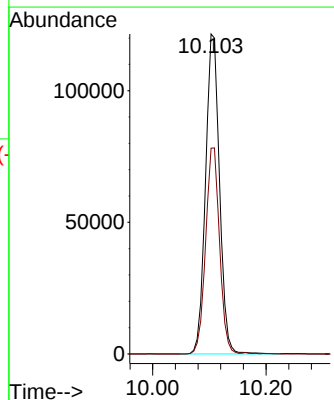
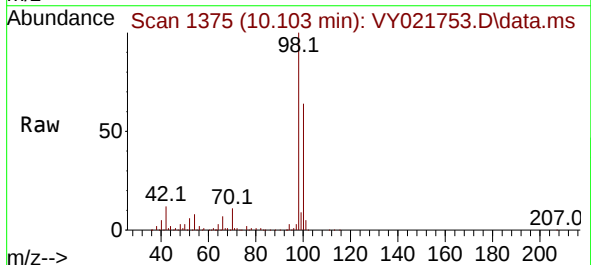
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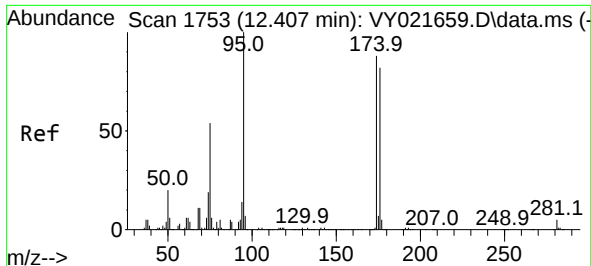
Tgt Ion:113 Resp: 61482  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.6 123.8  
192 19.9 16.2 24.4



#50  
Toluene-d8  
Concen: 48.582 ug/l  
RT: 10.103 min Scan# 1375  
Delta R.T. -0.006 min  
Lab File: VY021753.D  
Acq: 02 Apr 2025 12:34

Tgt Ion: 98 Resp: 208259  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.1 78.1

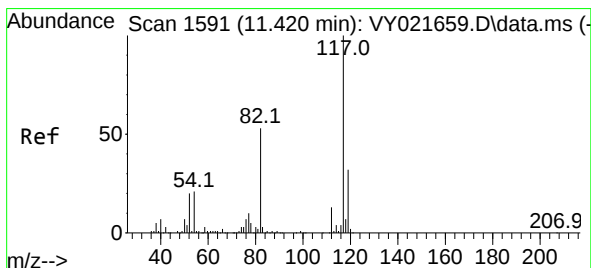
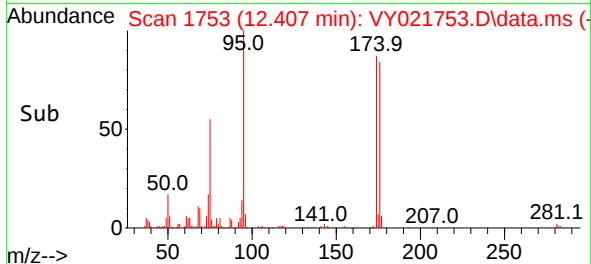
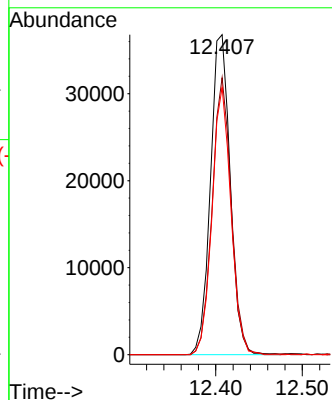
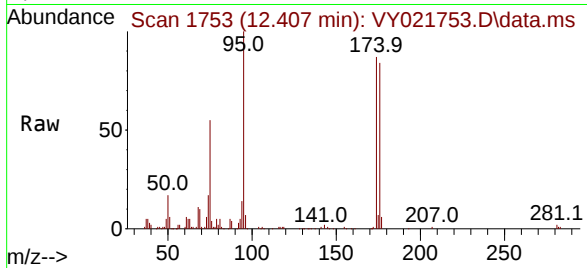




#62  
4-Bromofluorobenzene  
Concen: 40.175 ug/l  
RT: 12.407 min Scan# 1753  
Delta R.T. -0.000 min  
Lab File: VY021753.D  
Acq: 02 Apr 2025 12:34

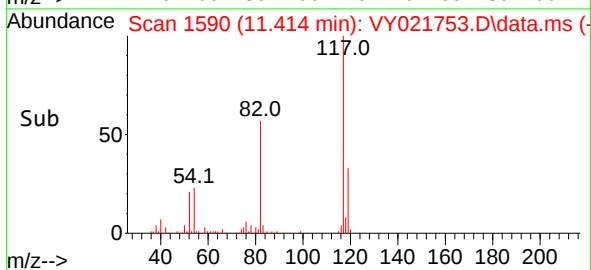
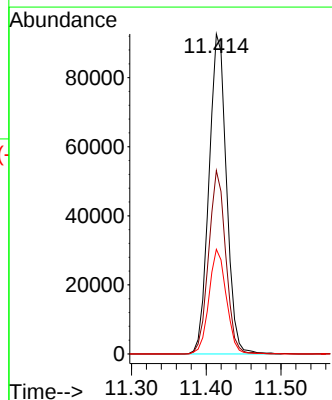
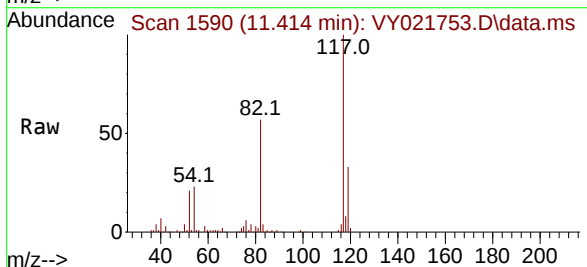
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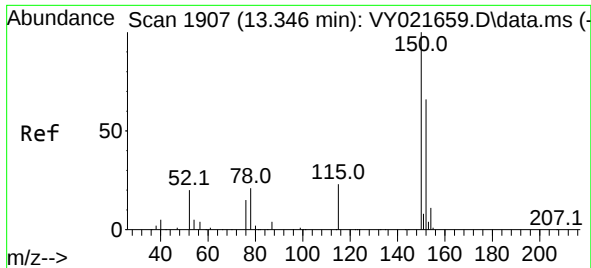
Tgt Ion: 95 Resp: 58253  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 170.8  
176 79.7 0.0 162.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 1590  
Delta R.T. -0.006 min  
Lab File: VY021753.D  
Acq: 02 Apr 2025 12:34

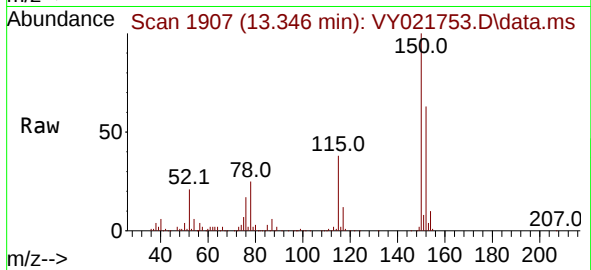
Tgt Ion: 117 Resp: 150448  
Ion Ratio Lower Upper  
117 100  
82 57.3 42.8 64.2  
119 32.7 25.7 38.5





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.346 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VY021753.D  
 Acq: 02 Apr 2025 12:34

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 NB-08-04012025RE



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 56708 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 58.2  | 28.8  | 86.5  |
| 150       | 155.2 | 0.0   | 348.4 |

