

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061925\  
 Data File : VX046769.D  
 Acq On : 19 Jun 2025 13:57  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Jun 20 05:20:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 18 03:09:16 2025  
 Response via : Initial Calibration

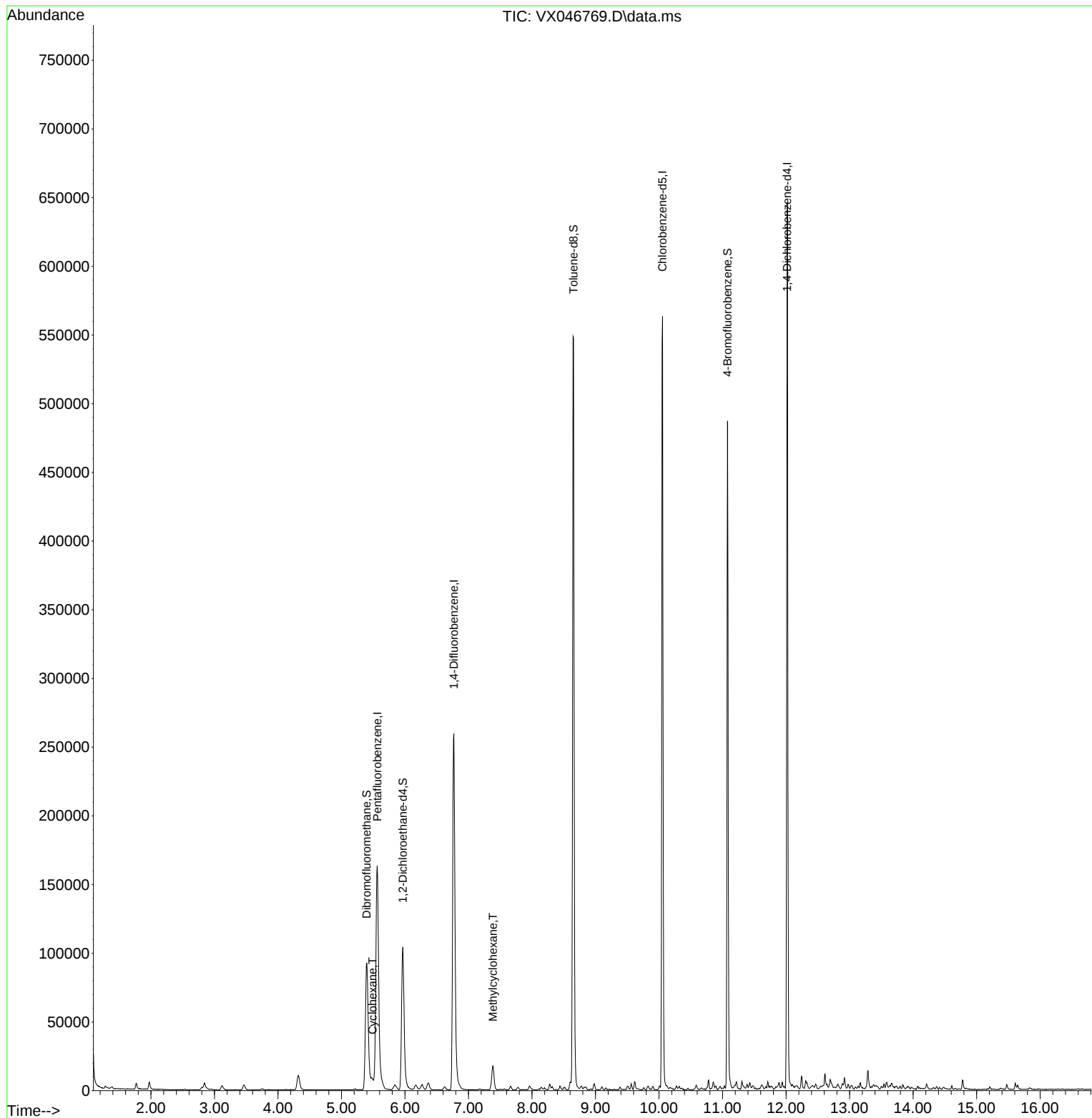
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 170391   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 287341   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 261585   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 126696   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 109480   | 46.453   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 92.900%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 90683    | 47.699   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.400%  |
| 50) Toluene-d8              | 8.653  | 98    | 343599   | 50.305   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 100.600% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 129390   | 50.819   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 101.640% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 31) Cyclohexane             | 5.489  | 56    | 4427     | 1.254    | ug/l   | 90       |
| 39) Methylcyclohexane       | 7.385  | 83    | 8169     | 2.262    | ug/l   | 97       |
| -----                       |        |       |          |          |        |          |

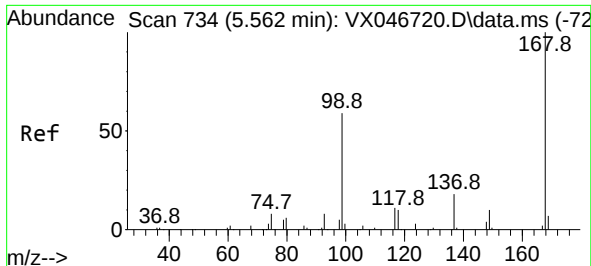
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Jun 20 05:20:44 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 18 03:09:16 2025  
Response via : Initial Calibration

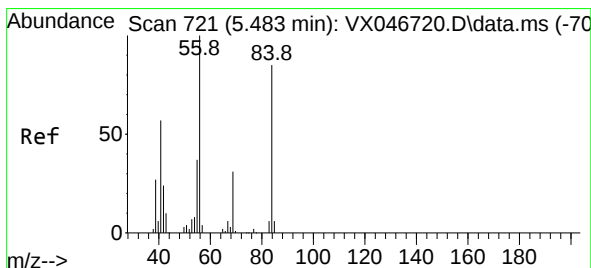
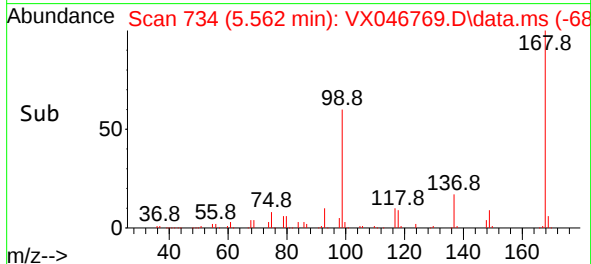
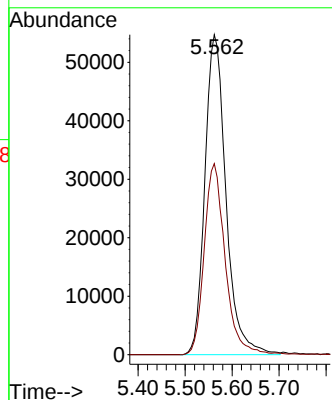
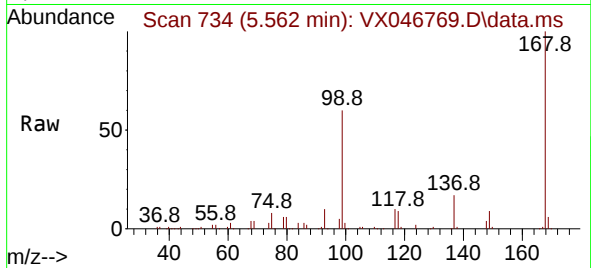




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX046769.D  
Acq: 19 Jun 2025 13:57

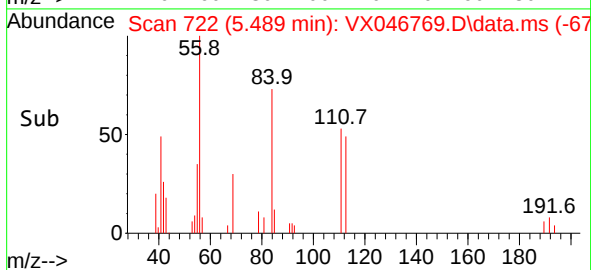
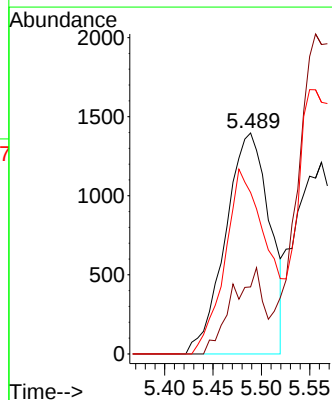
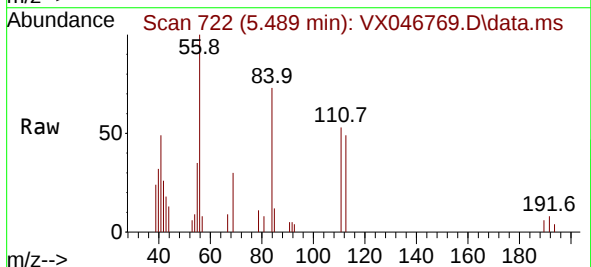
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

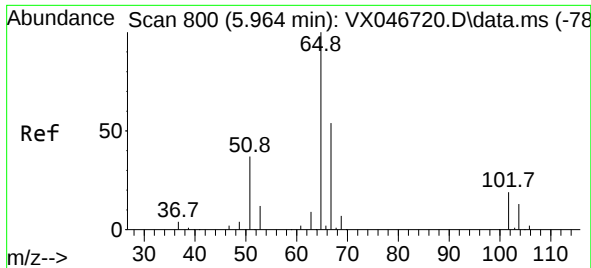
Tgt Ion:168 Resp: 170391  
Ion Ratio Lower Upper  
168 100  
99 59.7 48.5 72.7



#31  
Cyclohexane  
Concen: 1.254 ug/l  
RT: 5.489 min Scan# 722  
Delta R.T. 0.006 min  
Lab File: VX046769.D  
Acq: 19 Jun 2025 13:57

Tgt Ion: 56 Resp: 4427  
Ion Ratio Lower Upper  
56 100  
69 30.4 24.8 37.2  
84 73.0 68.2 102.2

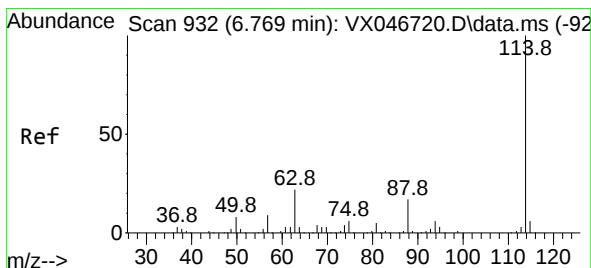
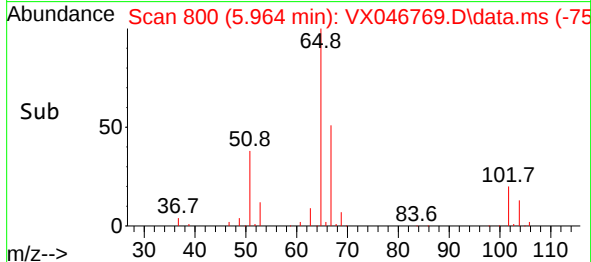
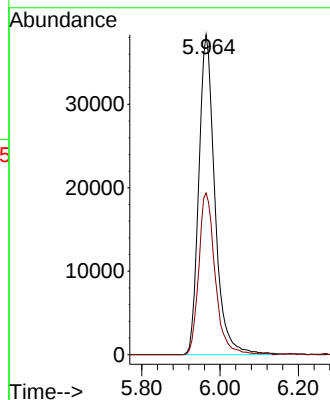
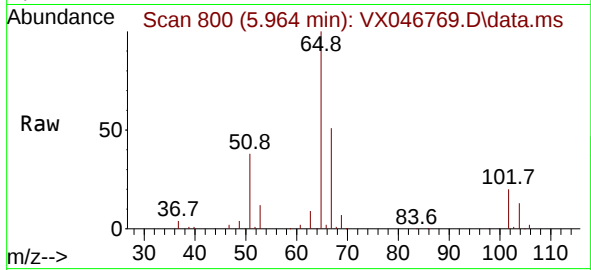




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.453 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. -0.000 min  
 Lab File: VX046769.D  
 Acq: 19 Jun 2025 13:57

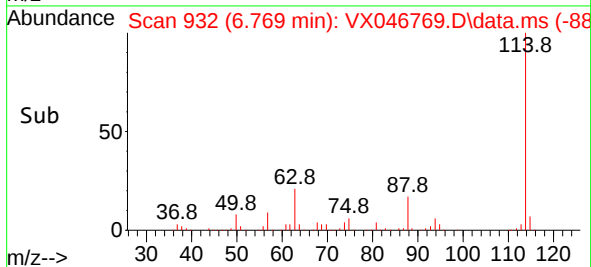
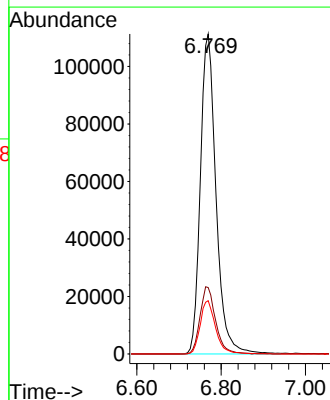
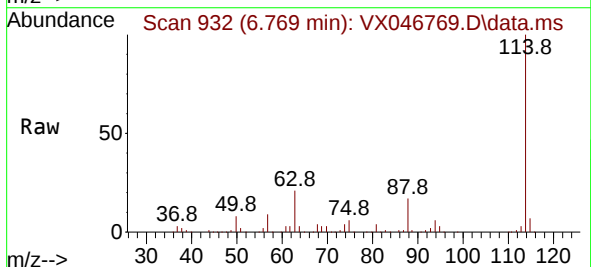
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 MSVOA\_X  
 ClientSampleId :  
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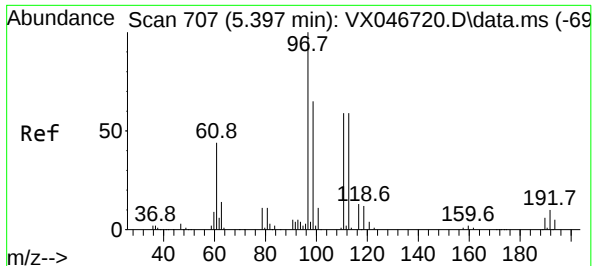
Tgt Ion: 65 Resp: 109480  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 105.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX046769.D  
 Acq: 19 Jun 2025 13:57

Tgt Ion: 114 Resp: 287341  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 44.2  
 88 16.7 0.0 33.2

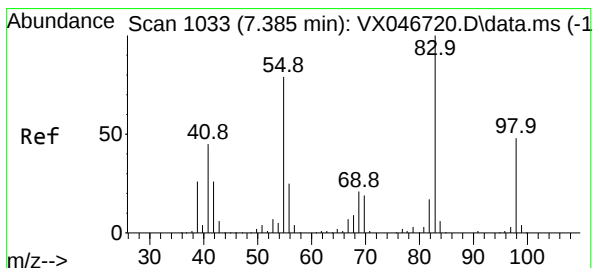
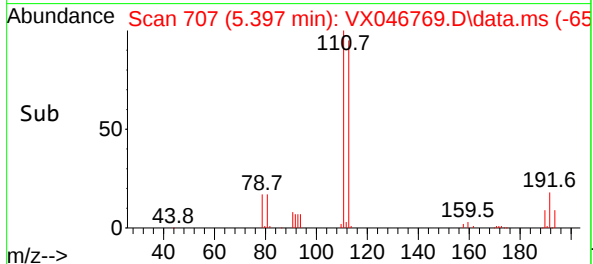
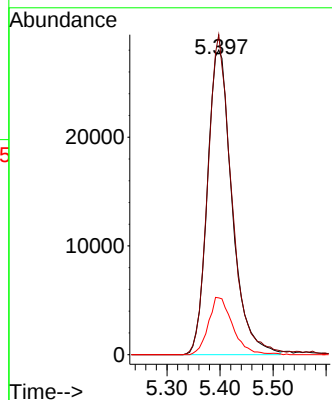
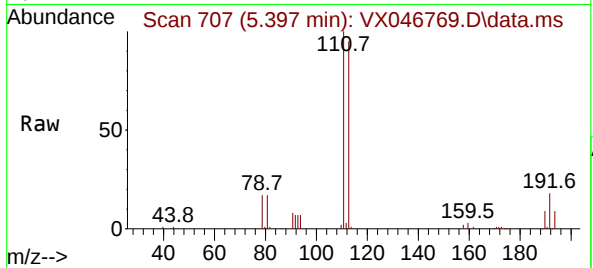




#35  
Dibromofluoromethane  
Concen: 47.699 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VX046769.D  
Acq: 19 Jun 2025 13:57

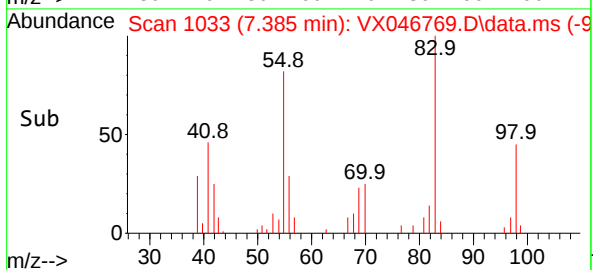
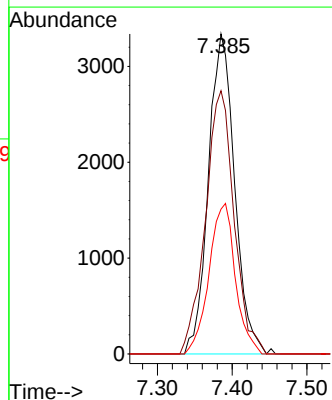
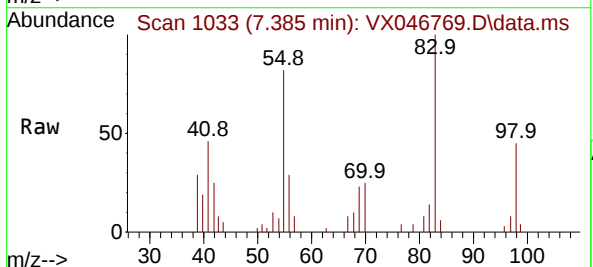
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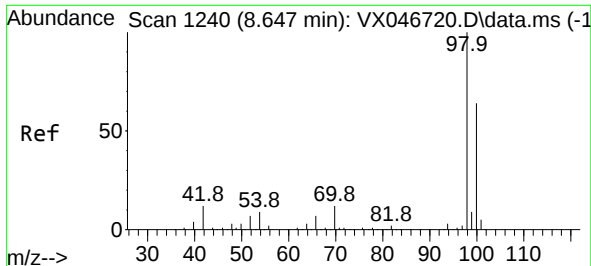
Tgt Ion:113 Resp: 90683  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.0 123.0  
192 18.6 15.3 22.9



#39  
Methylcyclohexane  
Concen: 2.262 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX046769.D  
Acq: 19 Jun 2025 13:57

Tgt Ion: 83 Resp: 8169  
Ion Ratio Lower Upper  
83 100  
55 82.3 63.0 94.4  
98 49.0 38.8 58.2

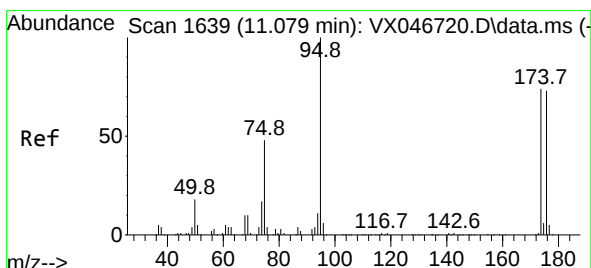
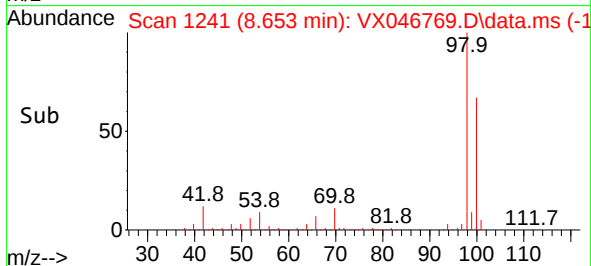
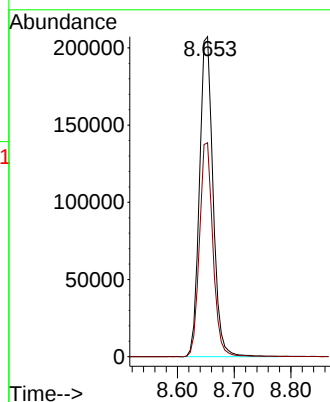
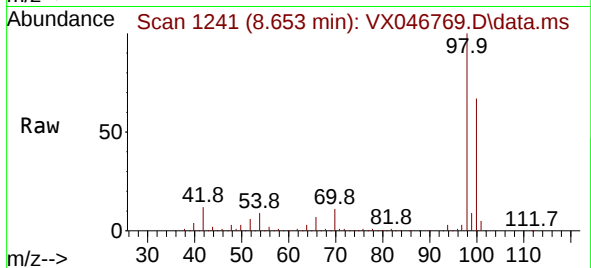




#50  
Toluene-d8  
Concen: 50.305 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX046769.D  
Acq: 19 Jun 2025 13:57

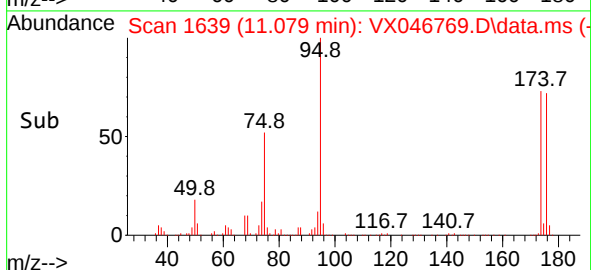
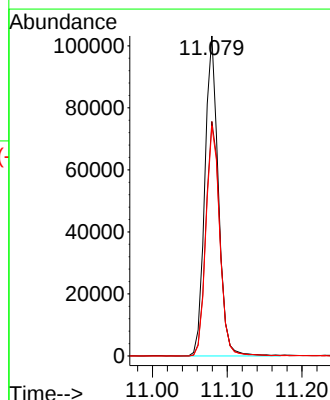
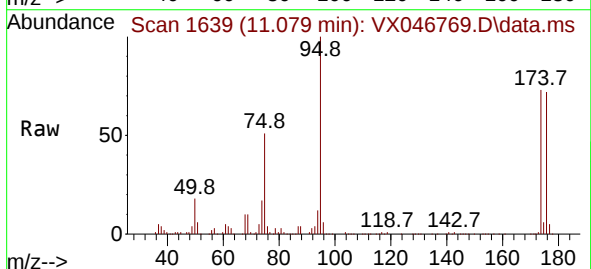
Instrument :  
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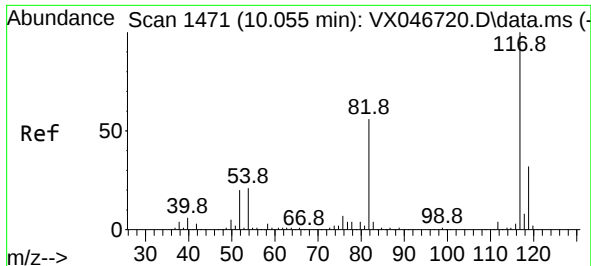
Tgt Ion: 98 Resp: 343599  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 50.819 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046769.D  
Acq: 19 Jun 2025 13:57

Tgt Ion: 95 Resp: 129390  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 150.4  
176 73.6 0.0 145.0

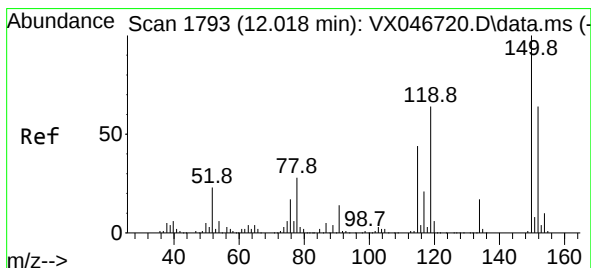
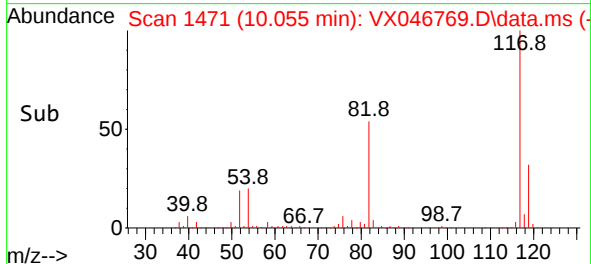
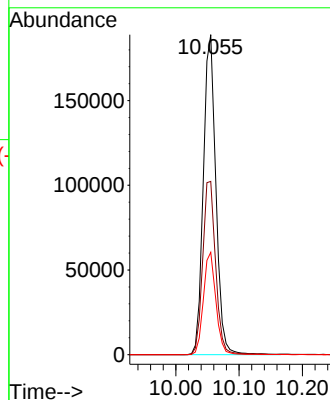
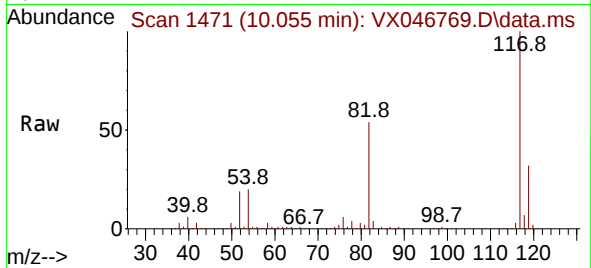




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX046769.D  
Acq: 19 Jun 2025 13:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 261585  
Ion Ratio Lower Upper  
117 100  
82 54.1 44.6 66.8  
119 32.0 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046769.D  
Acq: 19 Jun 2025 13:57

Tgt Ion:152 Resp: 126696  
Ion Ratio Lower Upper  
152 100  
115 62.7 43.2 129.6  
150 159.4 0.0 346.8

