

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091525\  
 Data File : VN087836.D  
 Acq On : 15 Sep 2025 14:41  
 Operator : JC\MD  
 Sample : Q3092-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 279182

Quant Time: Sep 16 01:38:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:55:42 2025  
 Response via : Initial Calibration

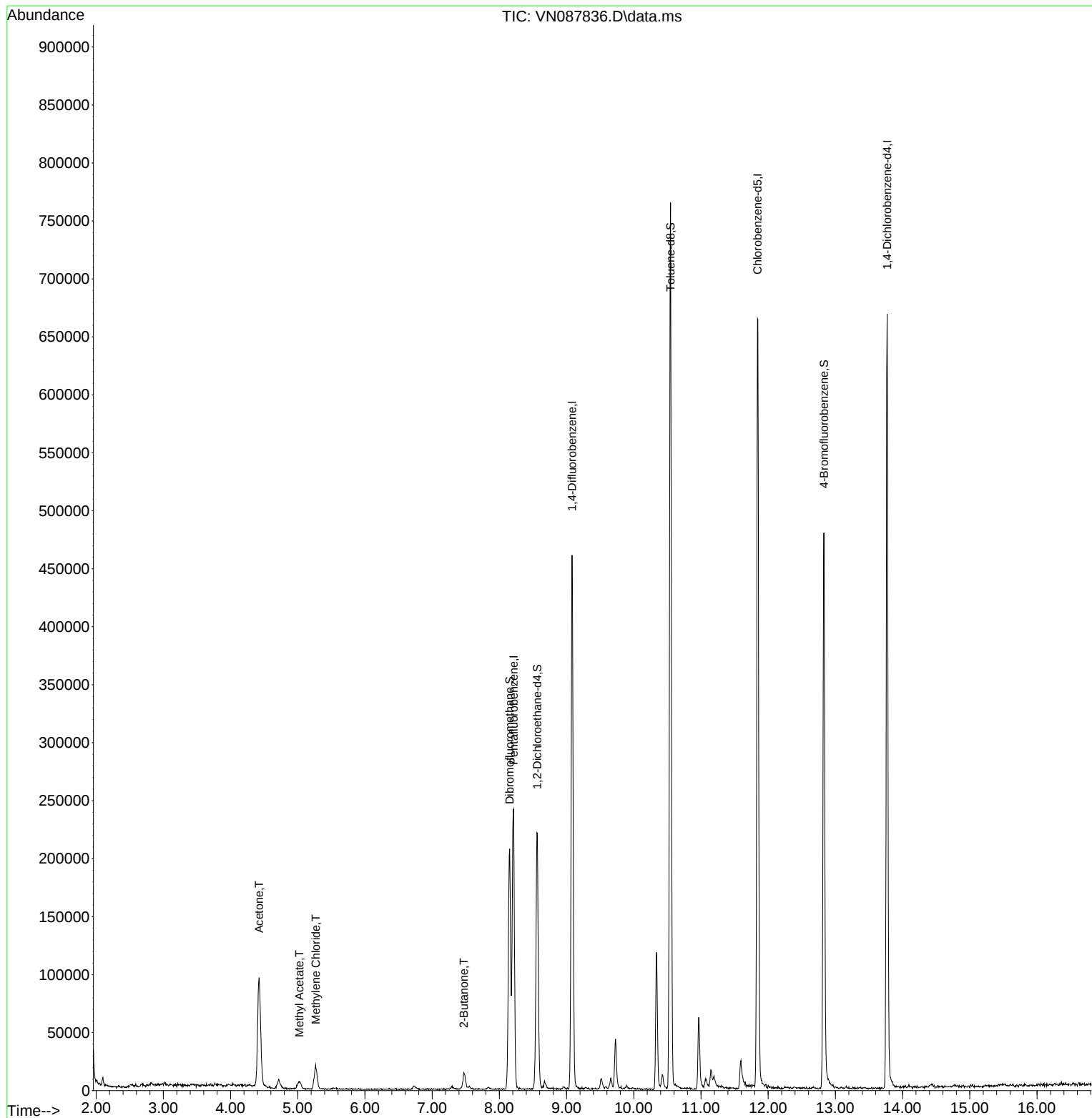
| Compound                    | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                       |           |                |          |            |        |          |
| Internal Standards          |           |                |          |            |        |          |
| 1) Pentafluorobenzene       | 8.212     | 168            | 167937   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.082     | 114            | 381423   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.841    | 117            | 378732   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.770    | 152            | 173457   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.565     | 65             | 180797   | 52.544     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | = 105.080% |        |          |
| 35) Dibromofluoromethane    | 8.153     | 113            | 144632   | 52.520     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | = 105.040% |        |          |
| 50) Toluene-d8              | 10.547    | 98             | 518056   | 50.261     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | = 100.520% |        |          |
| 62) 4-Bromofluorobenzene    | 12.829    | 95             | 170688   | 46.565     | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 77 - 121 | Recovery | = 93.140%  |        |          |
| Target Compounds            |           |                |          |            |        |          |
| 16) Acetone                 | 4.424     | 43             | 189640   | 101.245    | ug/l   | 96       |
| 18) Methyl Acetate          | 5.024     | 43             | 15450    | 3.939      | ug/l   | 98       |
| 20) Methylene Chloride      | 5.271     | 84             | 14391    | 4.174      | ug/l # | 85       |
| 25) 2-Butanone              | 7.471     | 43             | 24097    | 9.779      | ug/l   | 92       |
| -----                       |           |                |          |            |        |          |

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

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Response via : Initial Calibration

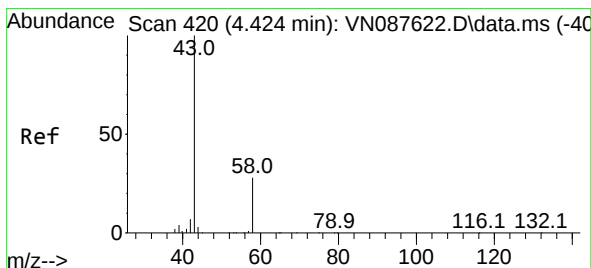
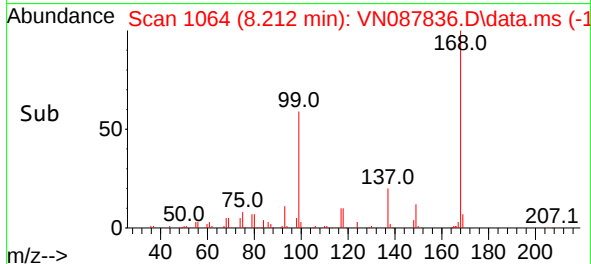
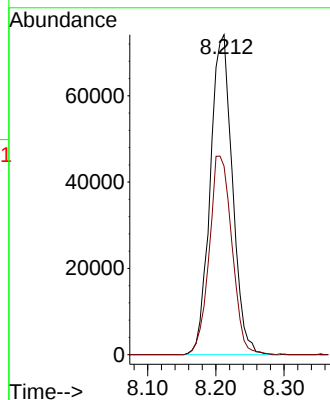
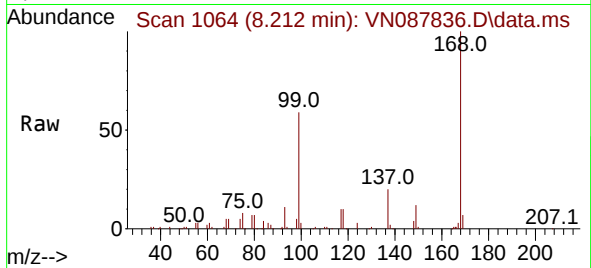




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.212 min Scan# 1064  
Delta R.T. 0.006 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

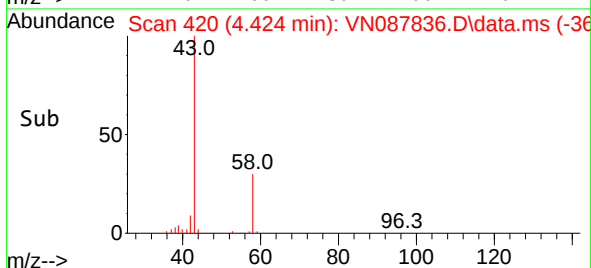
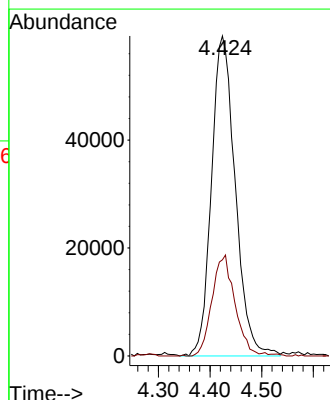
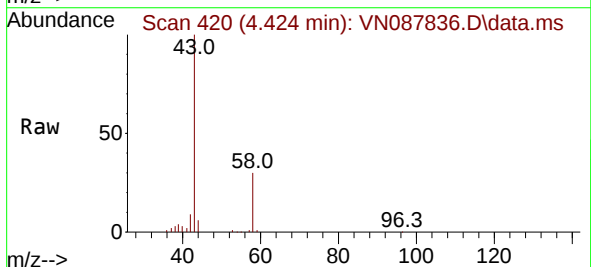
Instrument :  
MSVOA\_N  
ClientSampleId :  
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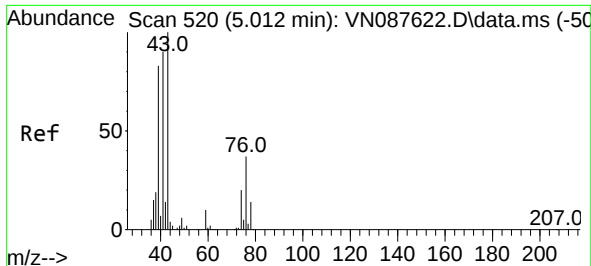
Tgt Ion:168 Resp: 167937  
Ion Ratio Lower Upper  
168 100  
99 58.9 57.2 85.8



#16  
Acetone  
Concen: 101.245 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

Tgt Ion: 43 Resp: 189640  
Ion Ratio Lower Upper  
43 100  
58 30.1 22.6 33.8

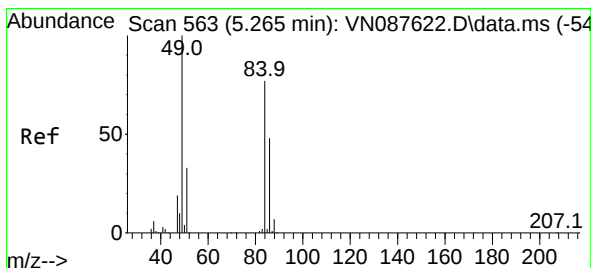
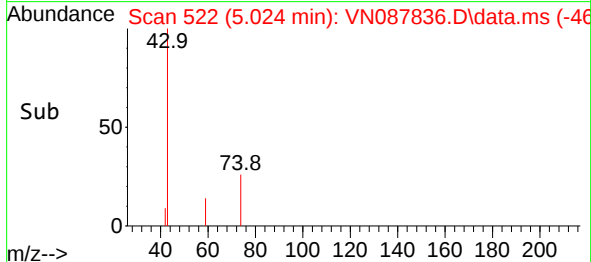
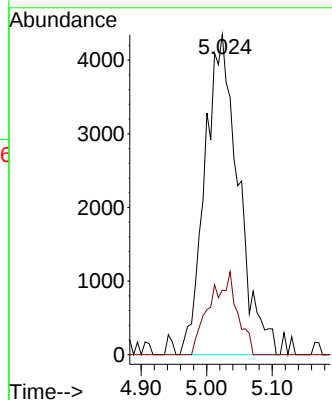
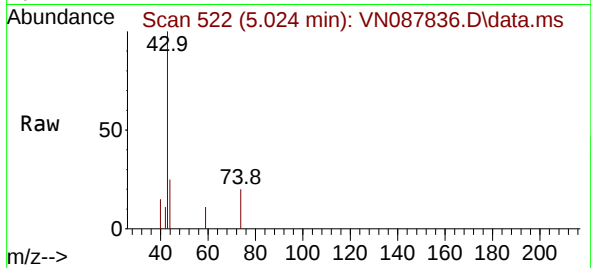




#18  
Methyl Acetate  
Concen: 3.939 ug/l  
RT: 5.024 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

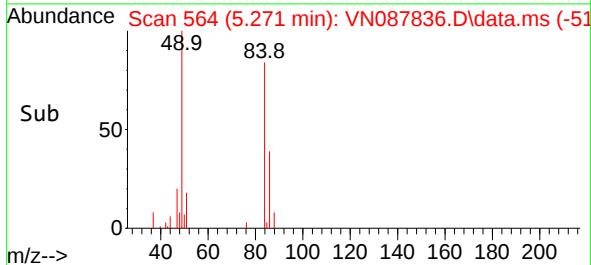
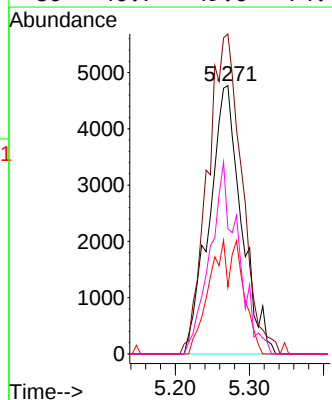
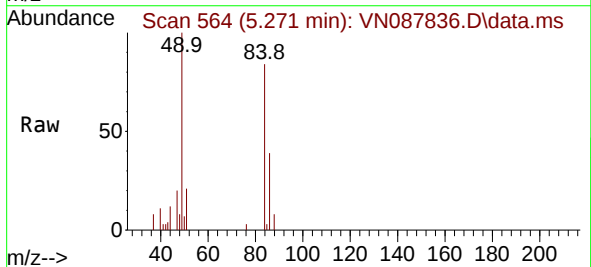
Instrument :  
MSVOA\_N  
ClientSampleId :  
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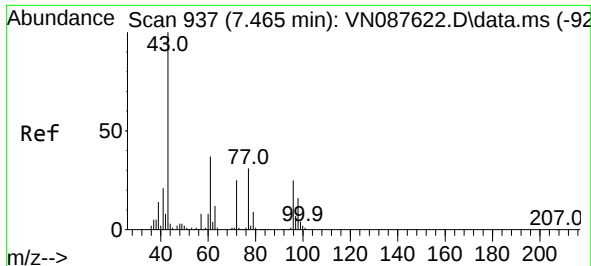
Tgt Ion: 43 Resp: 15450  
Ion Ratio Lower Upper  
43 100  
74 21.0 17.6 26.4



#20  
Methylene Chloride  
Concen: 4.174 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.006 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

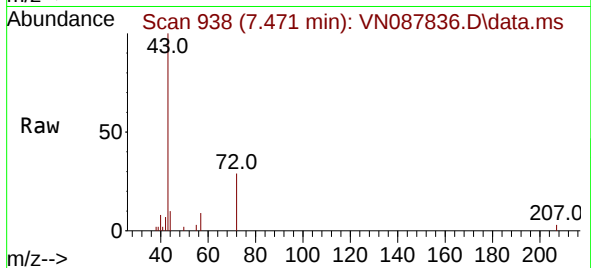
Tgt Ion: 84 Resp: 14391  
Ion Ratio Lower Upper  
84 100  
49 119.2 103.4 155.2  
51 24.9 33.8 50.8#  
86 46.7 49.6 74.4#



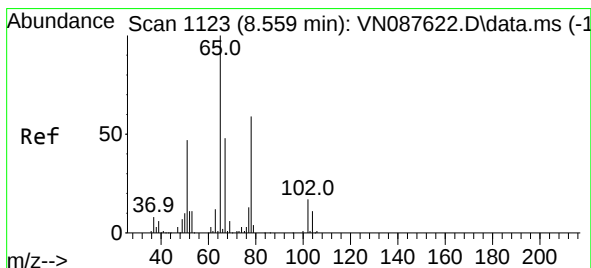
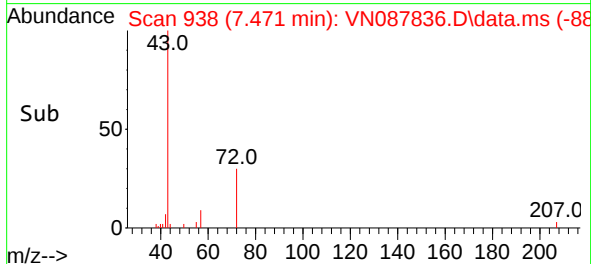
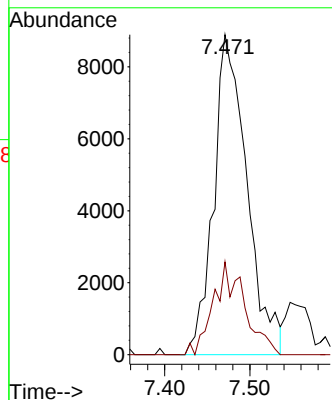


#25  
2-Butanone  
Concen: 9.779 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

Instrument :  
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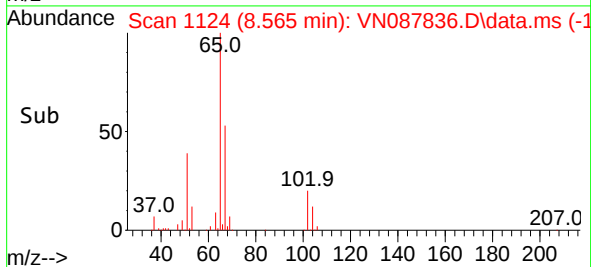
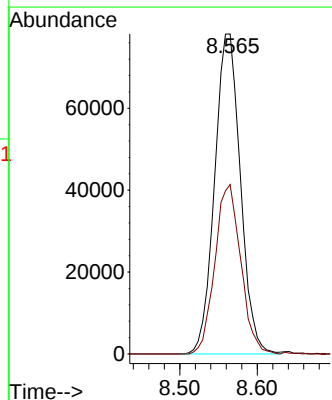
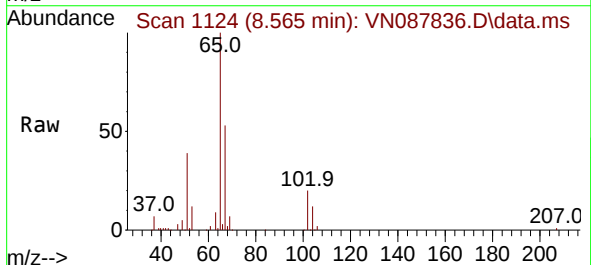


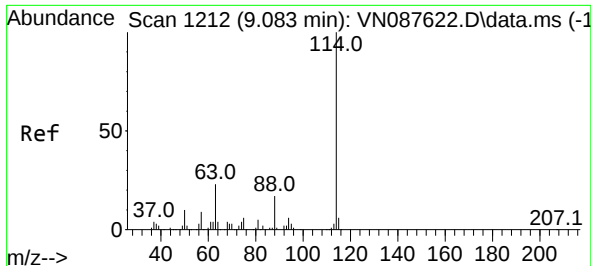
Tgt Ion: 43 Resp: 24097  
Ion Ratio Lower Upper  
43 100  
72 29.0 19.9 29.9



#33  
1,2-Dichloroethane-d4  
Concen: 52.544 ug/l  
RT: 8.565 min Scan# 1124  
Delta R.T. 0.006 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

Tgt Ion: 65 Resp: 180797  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 100.0

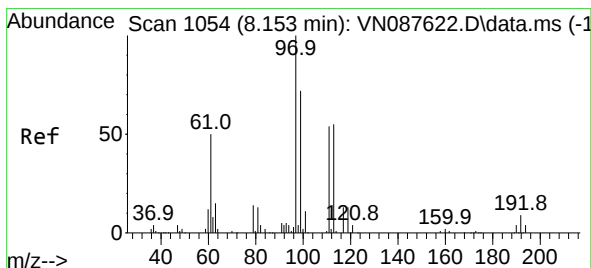
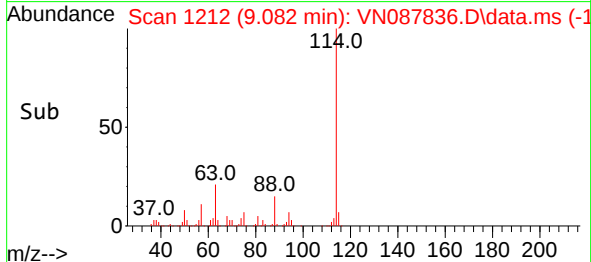
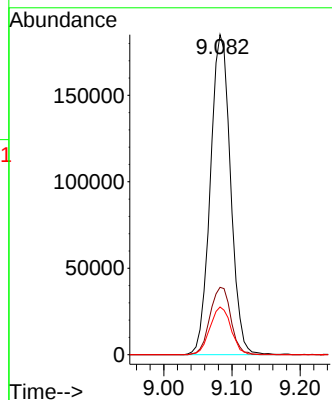
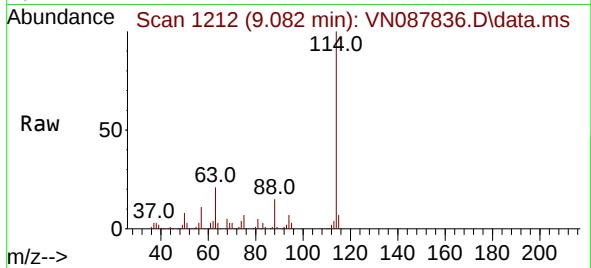




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.082 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

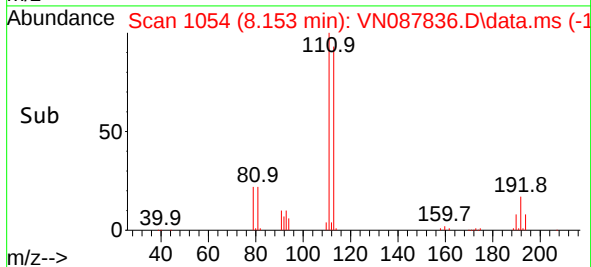
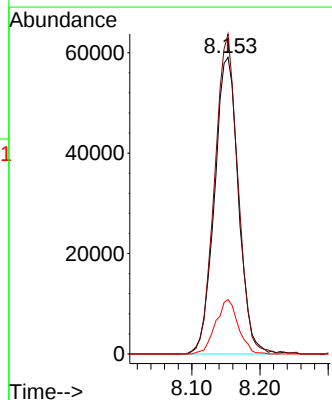
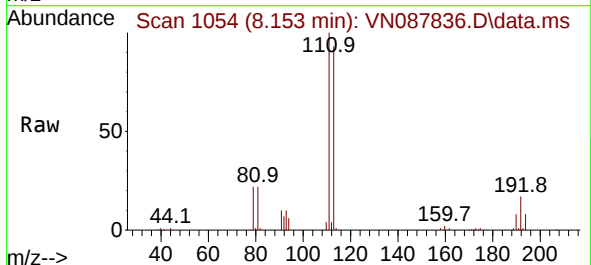
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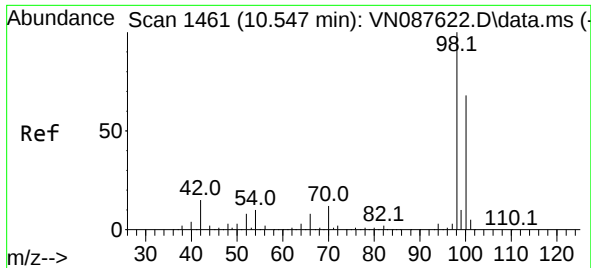
Tgt Ion:114 Resp: 381423  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 45.2  
88 14.9 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 52.520 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

Tgt Ion:113 Resp: 144632  
Ion Ratio Lower Upper  
113 100  
111 104.5 82.8 124.2  
192 17.3 12.8 19.2

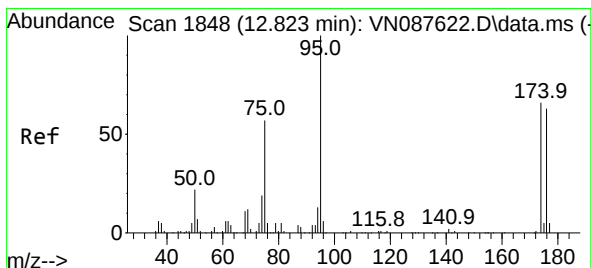
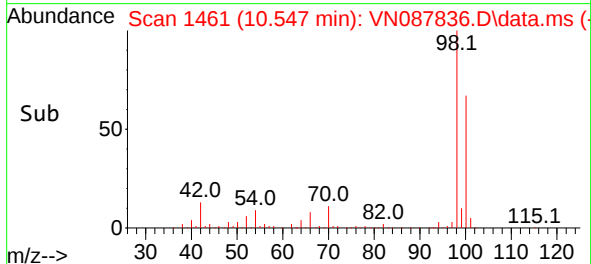
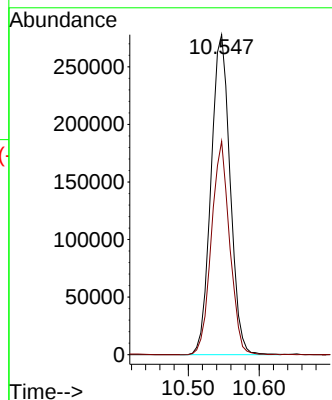
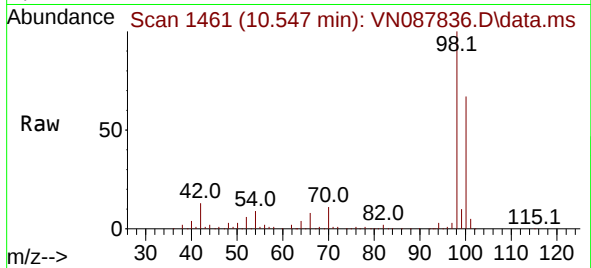




#50  
Toluene-d8  
Concen: 50.261 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

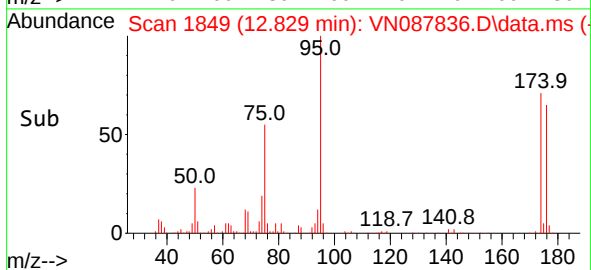
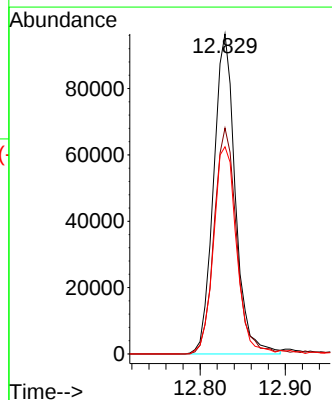
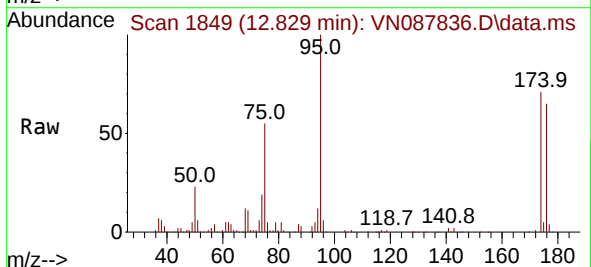
Instrument :  
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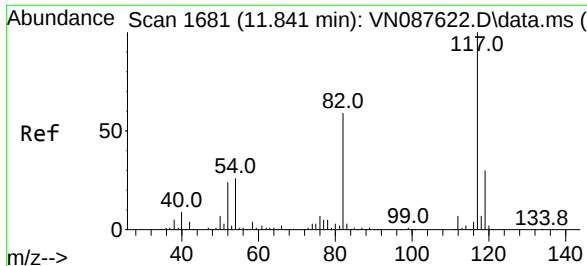
Tgt Ion: 98 Resp: 518056  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.8 79.2



#62  
4-Bromofluorobenzene  
Concen: 46.565 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

Tgt Ion: 95 Resp: 170688  
Ion Ratio Lower Upper  
95 100  
174 73.6 0.0 138.4  
176 68.6 0.0 132.6

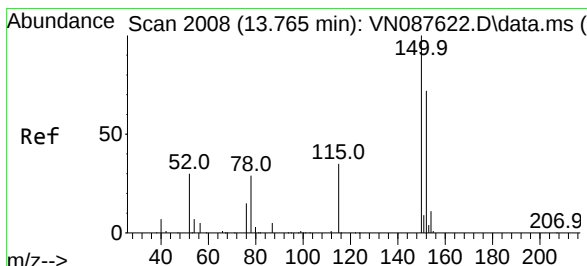
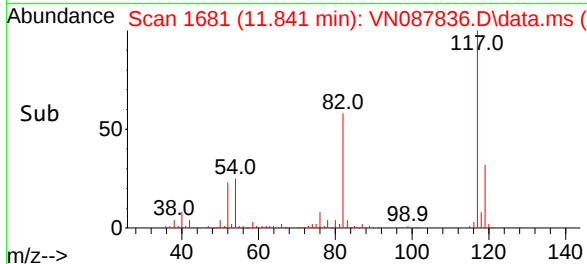
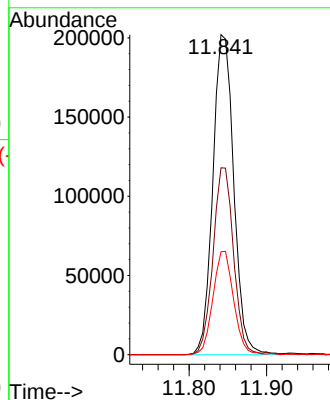
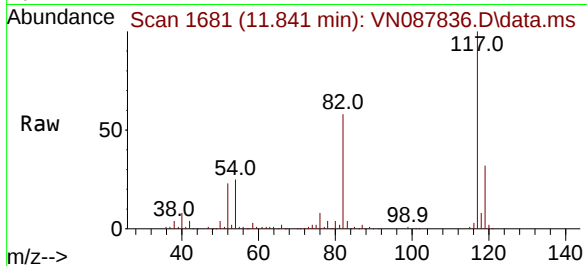




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 378732  
Ion Ratio Lower Upper  
117 100  
82 58.4 47.4 71.2  
119 32.1 24.3 36.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: VN087836.D  
Acq: 15 Sep 2025 14:41

Tgt Ion:152 Resp: 173457  
Ion Ratio Lower Upper  
152 100  
115 62.9 32.3 96.8  
150 158.1 0.0 351.0

