

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011025\  
 Data File : VN085421.D  
 Acq On : 10 Jan 2025 12:21  
 Operator : JC\MD  
 Sample : VN0110WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0110WBL01

Quant Time: Jan 10 22:44:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N122024W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Dec 21 02:03:07 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 7.812  | 128   | 28161    | 30.000   | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene     | 9.100  | 114   | 139569   | 30.000   | ug/l  | 0.00     |
| 57) Chlorobenzene-d5        | 11.865 | 117   | 125667   | 30.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane-d4   | 8.571  | 65    | 73441    | 29.646   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 98.833%  |
| 60) 4-Bromofluorobenzene    | 12.847 | 95    | 47781    | 23.473   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 78.233%  |
| 63) Toluene-d8              | 10.565 | 98    | 177448   | 28.918   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 96.400%  |

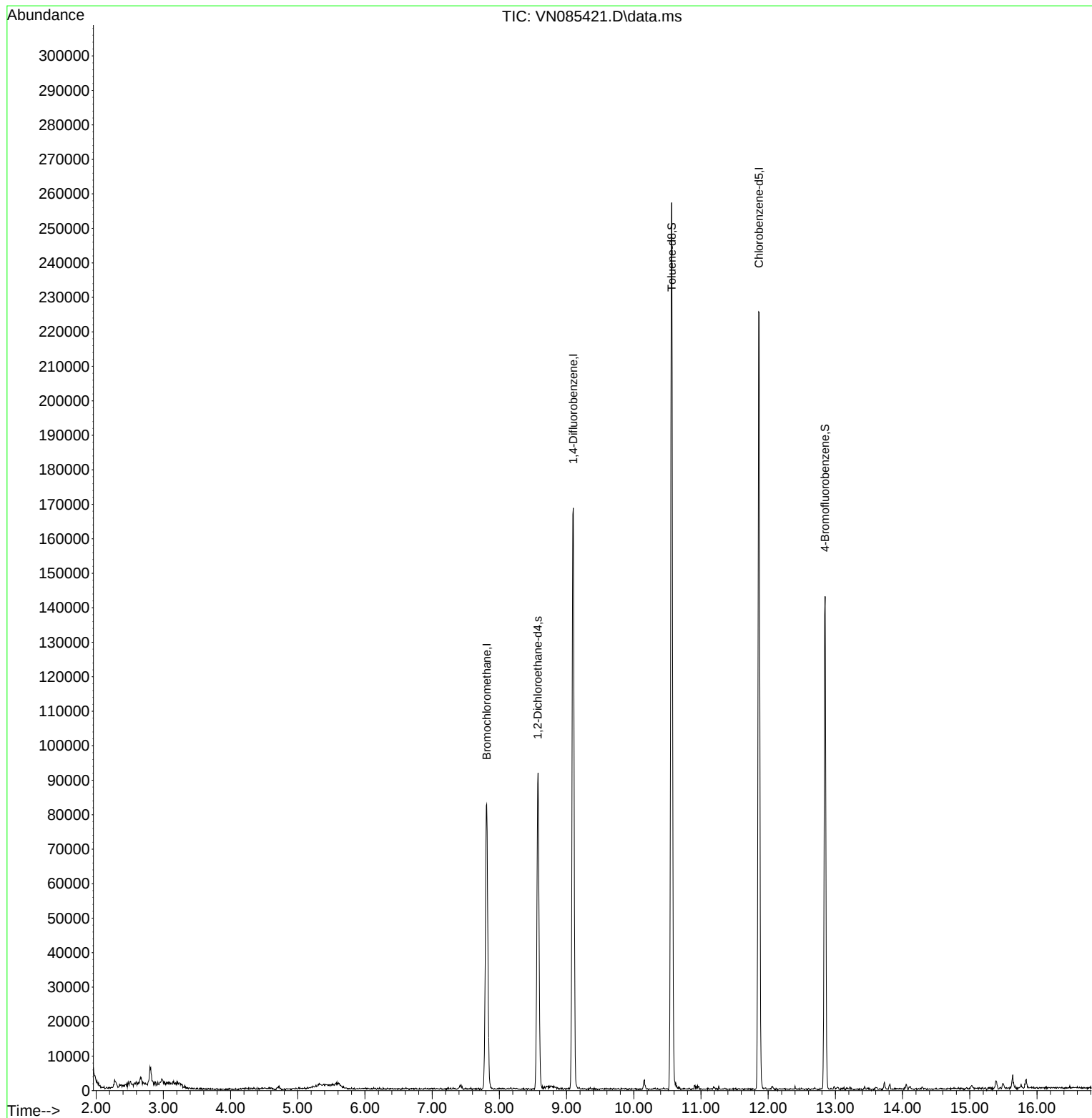
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

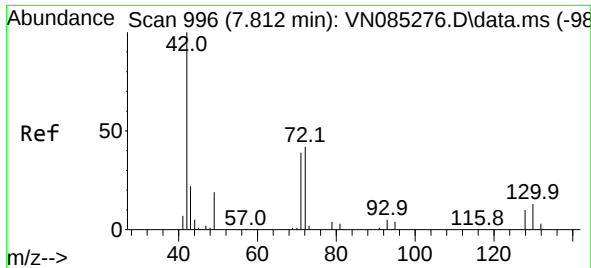
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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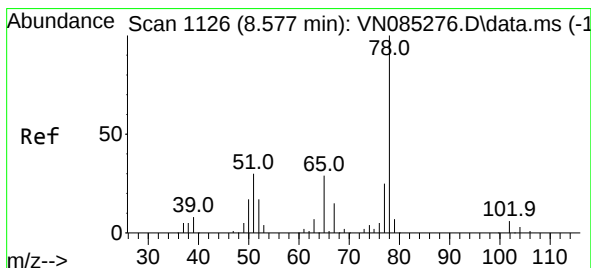
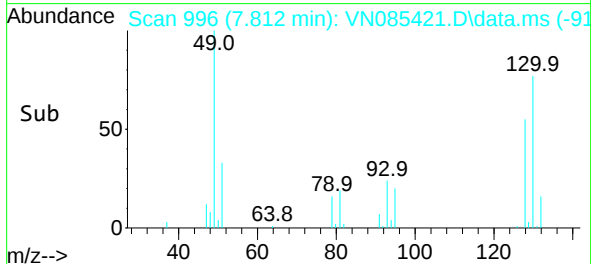
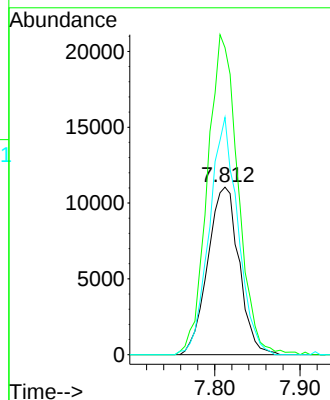
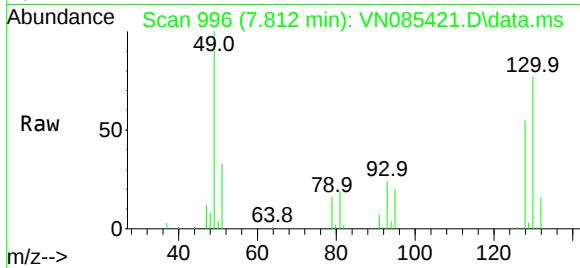




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VN085421.D  
Acq: 10 Jan 2025 12:21

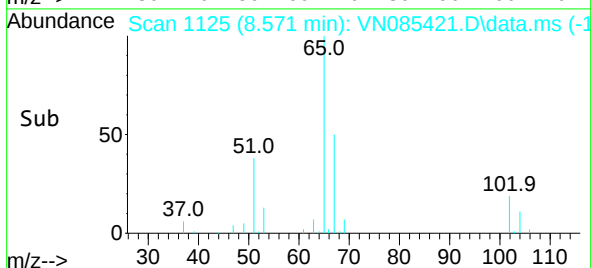
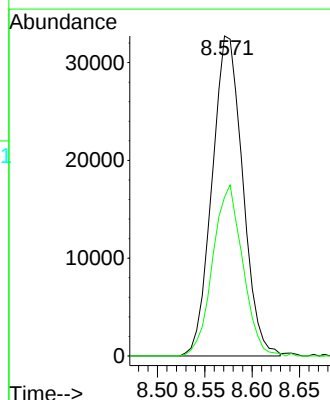
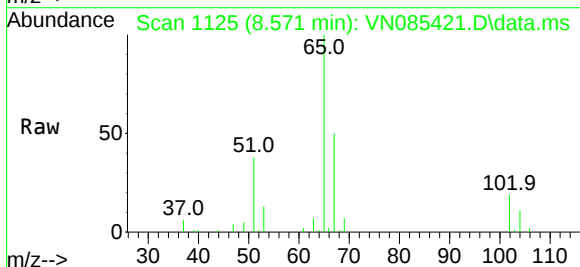
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0110WBL01

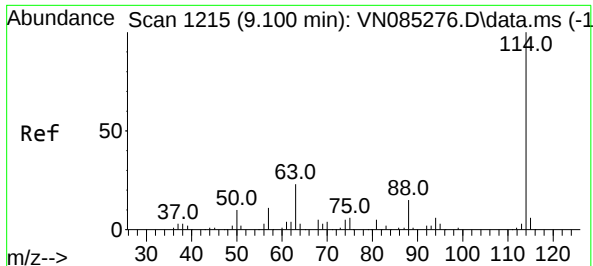
Tgt Ion:128 Resp: 28161  
Ion Ratio Lower Upper  
128 100  
49 186.1 0.0 497.8  
130 129.6 0.0 328.5



#27  
1,2-Dichloroethane-d4  
Concen: 29.646 ug/l  
RT: 8.571 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: VN085421.D  
Acq: 10 Jan 2025 12:21

Tgt Ion: 65 Resp: 73441  
Ion Ratio Lower Upper  
65 100  
67 52.3 42.0 63.0

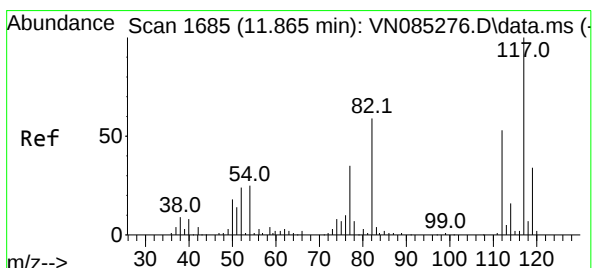
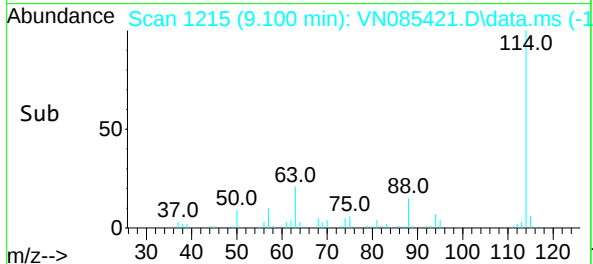
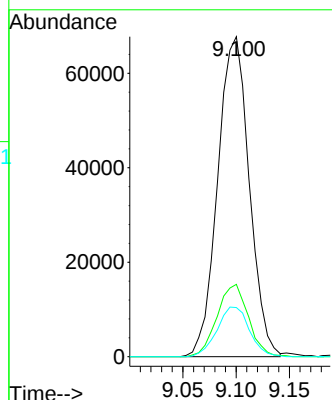
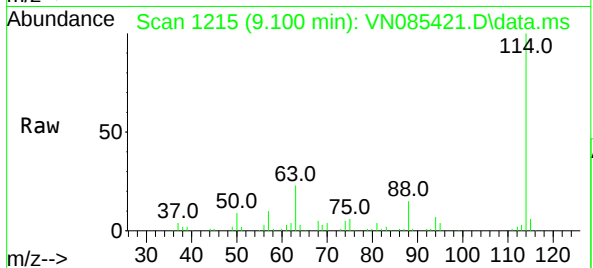




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN085421.D  
Acq: 10 Jan 2025 12:21

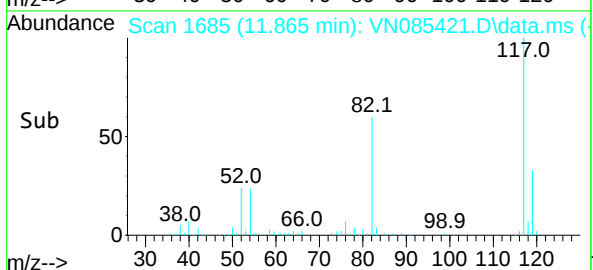
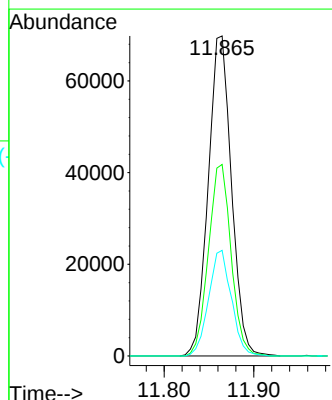
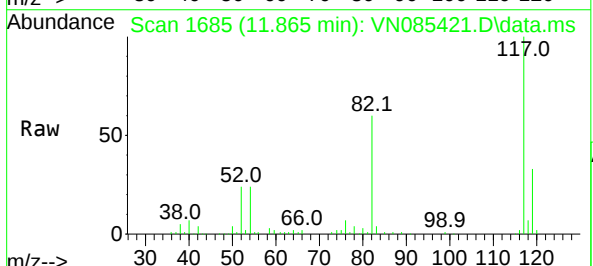
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0110WBL01

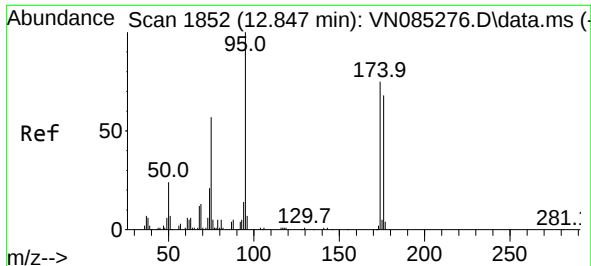
Tgt Ion:114 Resp: 139569  
Ion Ratio Lower Upper  
114 100  
63 22.4 18.0 27.0  
88 15.9 12.9 19.3



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN085421.D  
Acq: 10 Jan 2025 12:21

Tgt Ion:117 Resp: 125667  
Ion Ratio Lower Upper  
117 100  
82 58.4 47.4 71.0  
119 32.3 25.3 37.9

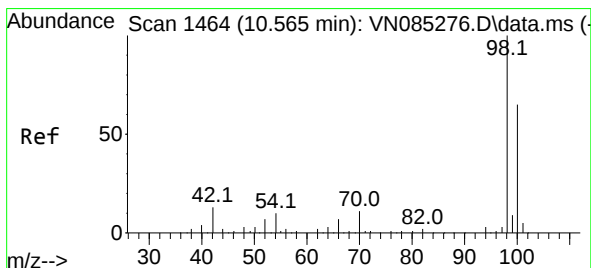
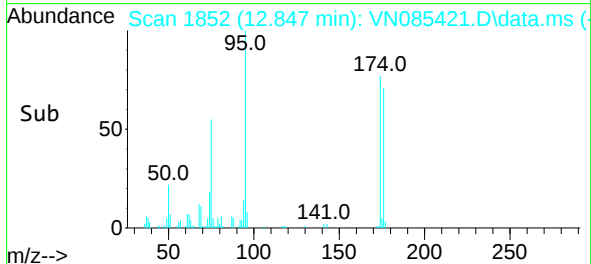
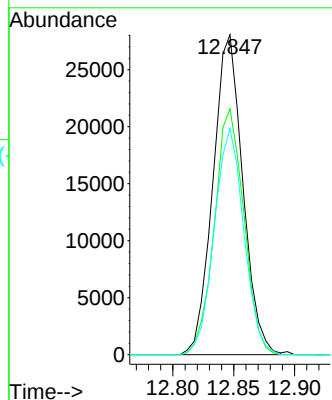
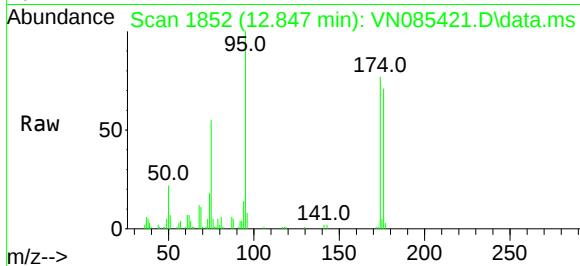




#60  
4-Bromofluorobenzene  
Concen: 23.473 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN085421.D  
Acq: 10 Jan 2025 12:21

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MSVOA\_N  
ClientSampleId :  
VN0110WBL01

Tgt Ion: 95 Resp: 47781  
Ion Ratio Lower Upper  
95 100  
174 75.9 57.8 86.8  
176 70.5 57.1 85.7



#63  
Toluene-d8  
Concen: 28.918 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN085421.D  
Acq: 10 Jan 2025 12:21

Tgt Ion: 98 Resp: 177448  
Ion Ratio Lower Upper  
98 100  
100 62.8 50.8 76.2

