

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042301.D
 Acq On : 10 Apr 2025 10:11
 Operator : SY/MD
 Sample : VL0410ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABL01

Quant Time: Apr 11 01:55:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.781	49	176739	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	440263	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	371291	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	272765	8.946	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.500%

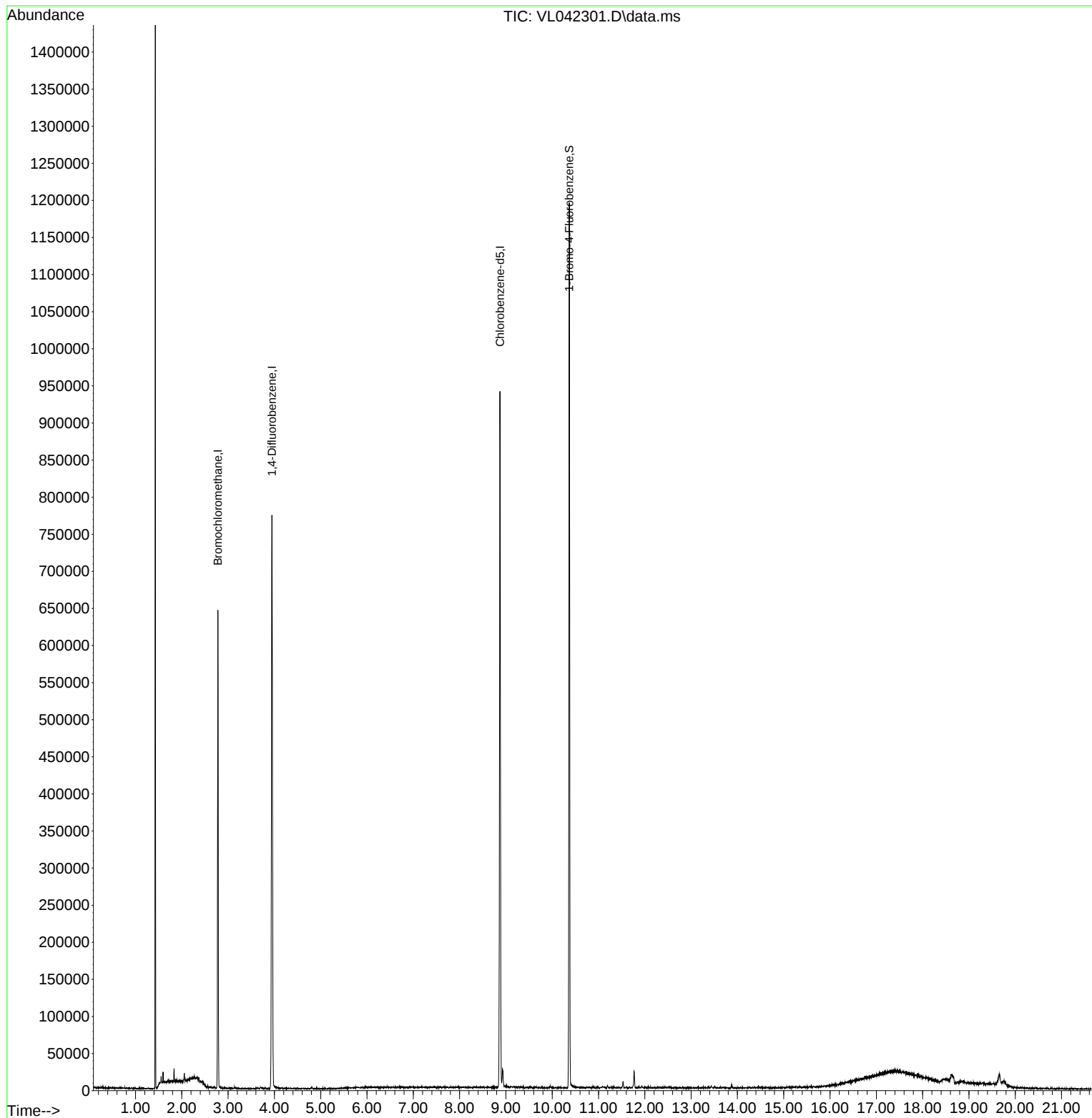
Target Compounds	Qvalue

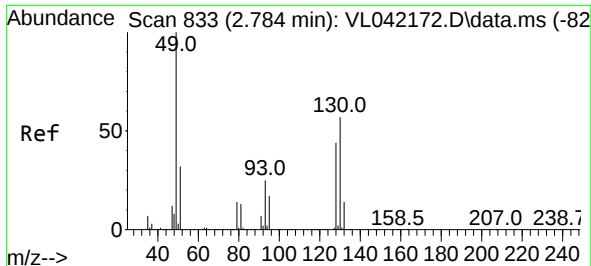
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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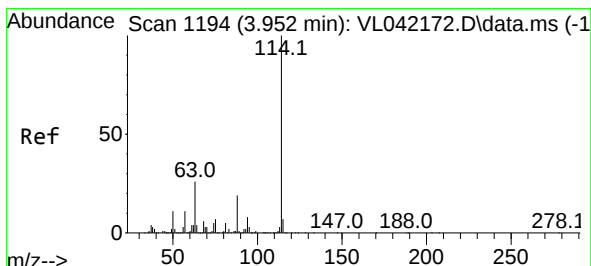
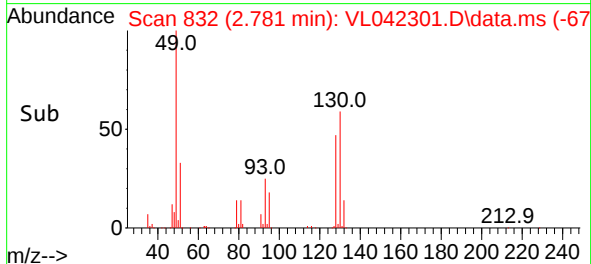
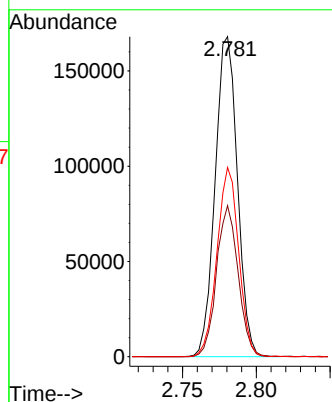
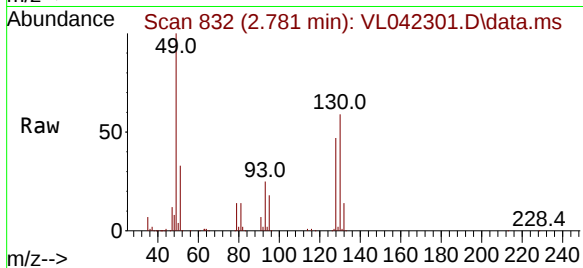




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

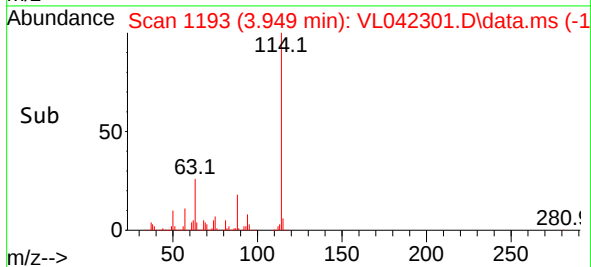
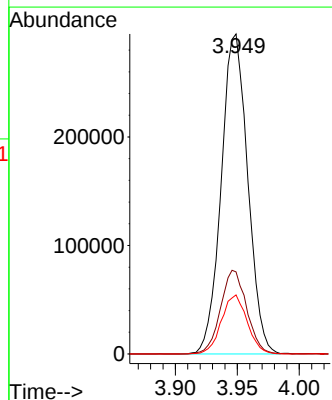
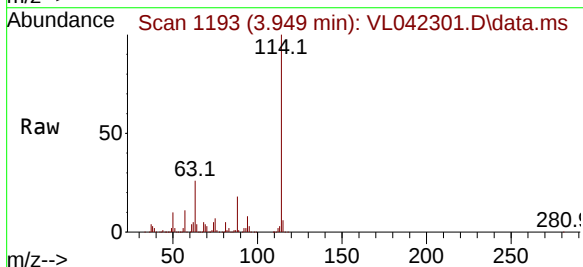
Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

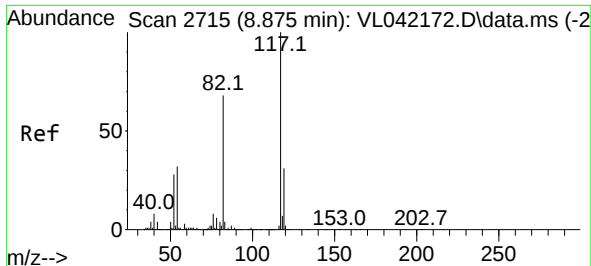
Tgt Ion: 49 Resp: 176739
Ion Ratio Lower Upper
49 100
128 45.8 22.9 68.5
130 57.7 28.8 86.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Tgt Ion:114 Resp: 440263
Ion Ratio Lower Upper
114 100
63 25.8 20.7 31.1
88 17.9 15.0 22.4

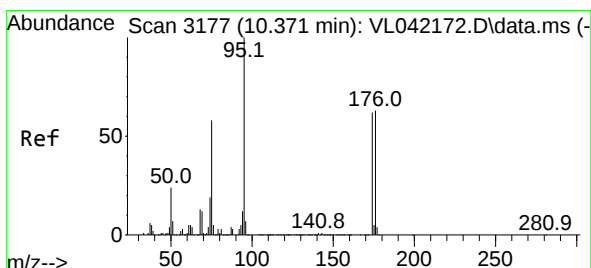
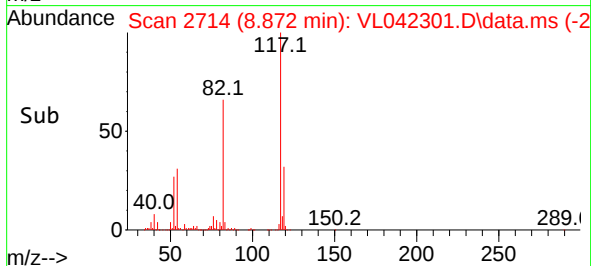
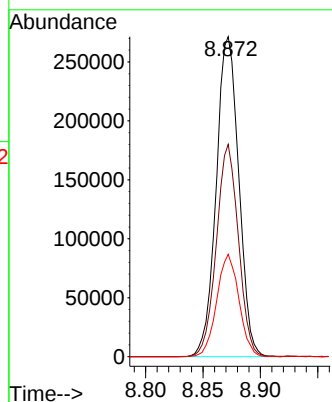
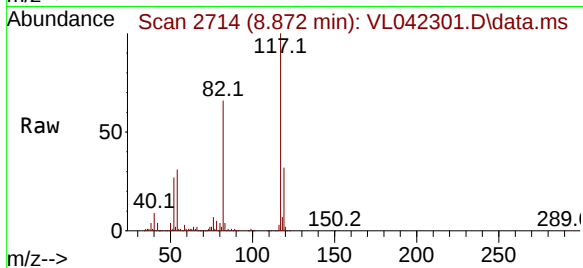




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. -0.003 min
Lab File: VL042301.D
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Instrument :
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Tgt Ion: 117 Resp: 371291
Ion Ratio Lower Upper
117 100
82 64.9 55.8 83.6
119 31.6 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 8.946 ppbv
RT: 10.367 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VL042301.D
Acq: 10 Apr 2025 10:11

Tgt Ion: 95 Resp: 272765
Ion Ratio Lower Upper
95 100
174 63.2 50.6 76.0
175 4.7 3.8 5.6

