

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042828.D
 Acq On : 07 Aug 2025 11:34
 Operator : SY/MD
 Sample : QC080425 CAN 10608
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC080425 CAN 10608

Quant Time: Aug 08 01:15:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	159509	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	409935	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	347427	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.368	95	258713	9.403	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.000%

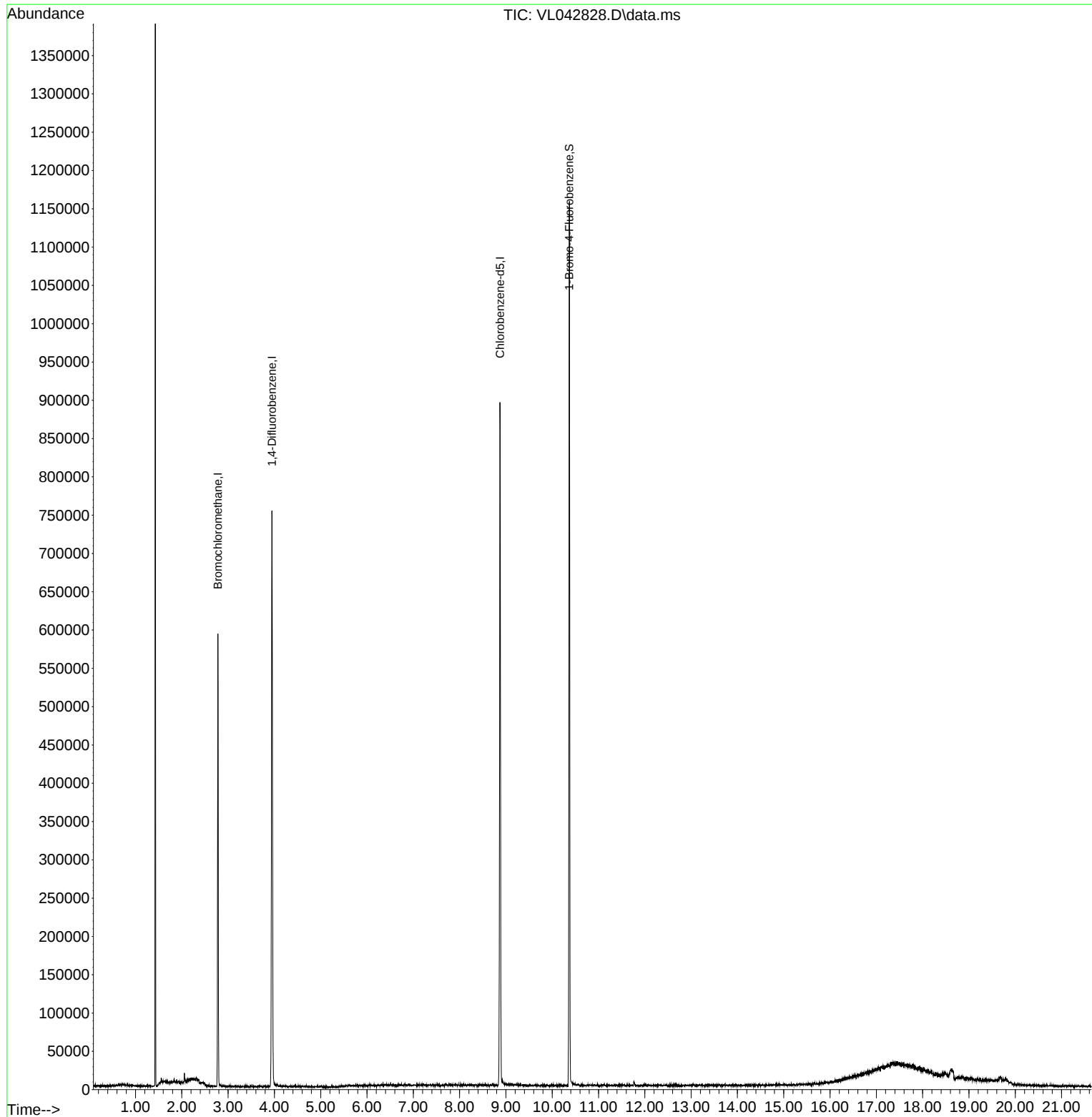
Target Compounds	Qvalue

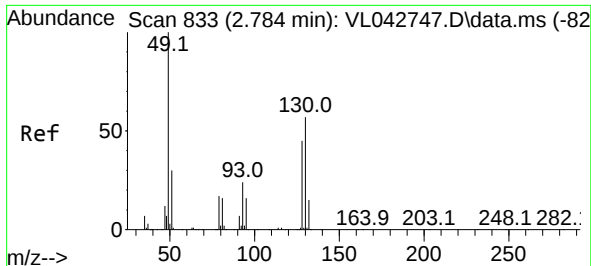
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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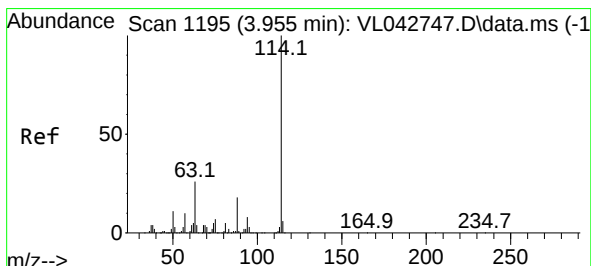
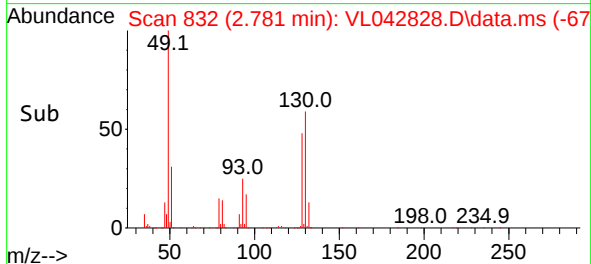
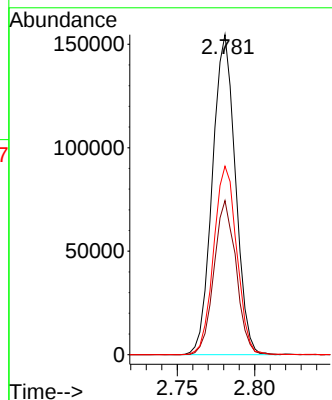
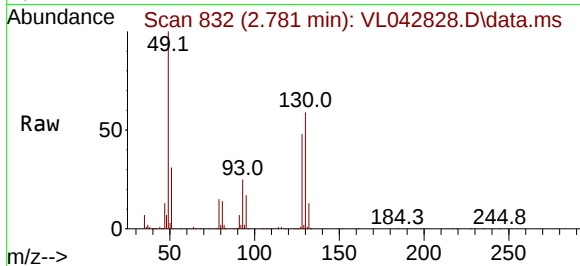




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042828.D
Acq: 07 Aug 2025 11:34

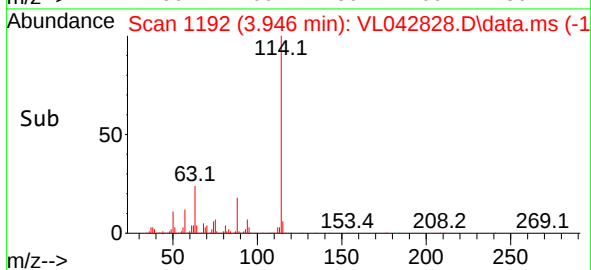
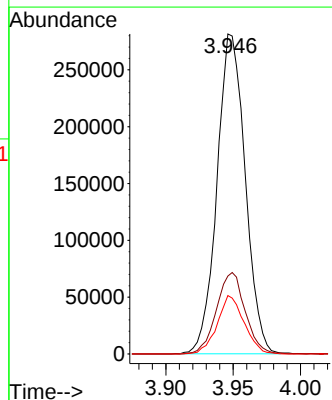
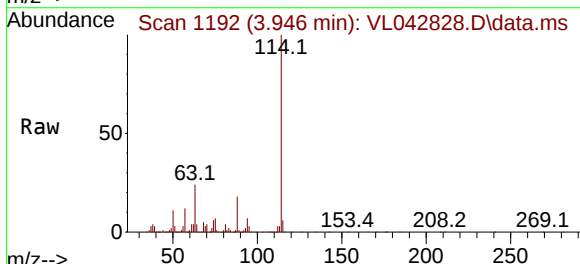
Instrument :
MSVOA_L
ClientSampleId :
QC080425 CAN 10608

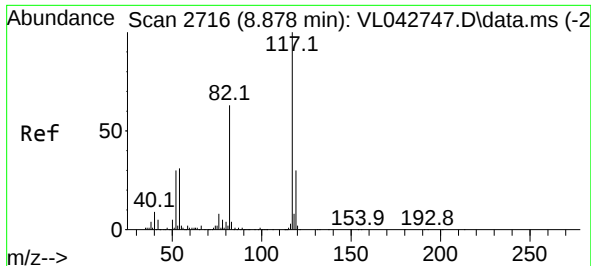
Tgt Ion: 49 Resp: 159509
Ion Ratio Lower Upper
49 100
128 46.4 23.6 71.0
130 59.1 30.3 90.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1192
Delta R.T. -0.009 min
Lab File: VL042828.D
Acq: 07 Aug 2025 11:34

Tgt Ion: 114 Resp: 409935
Ion Ratio Lower Upper
114 100
63 25.9 20.5 30.7
88 17.4 14.0 21.0

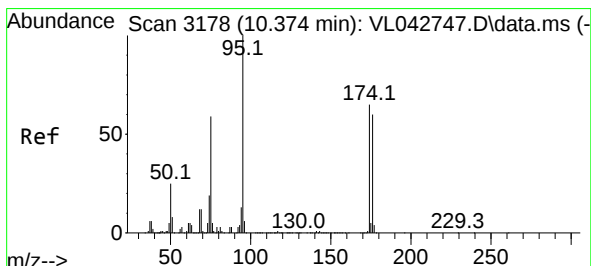
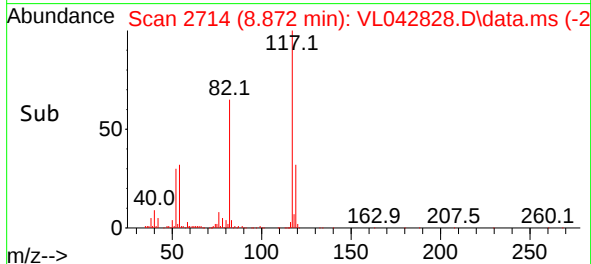
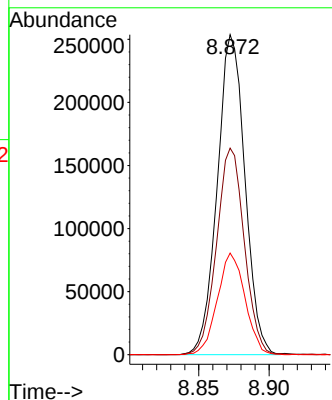
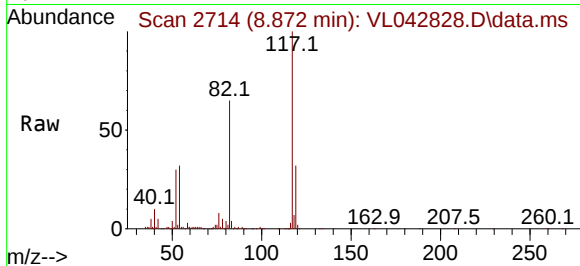




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042828.D
Acq: 07 Aug 2025 11:34

Instrument :
MSVOA_L
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Tgt Ion:117 Resp: 347427
Ion Ratio Lower Upper
117 100
82 64.8 53.3 79.9
119 31.7 25.8 38.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.403 ppbv
RT: 10.368 min Scan# 3176
Delta R.T. -0.006 min
Lab File: VL042828.D
Acq: 07 Aug 2025 11:34

Tgt Ion: 95 Resp: 258713
Ion Ratio Lower Upper
95 100
174 66.6 53.8 80.6
175 5.1 4.0 6.0

