

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042825.D
 Acq On : 07 Aug 2025 09:53
 Operator : SY/MD
 Sample : VL0807ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABL01

Quant Time: Aug 08 01:13:47 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	2.777	49	143339	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.943	114	368987	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.869	117	317212	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	239316	9.526	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%

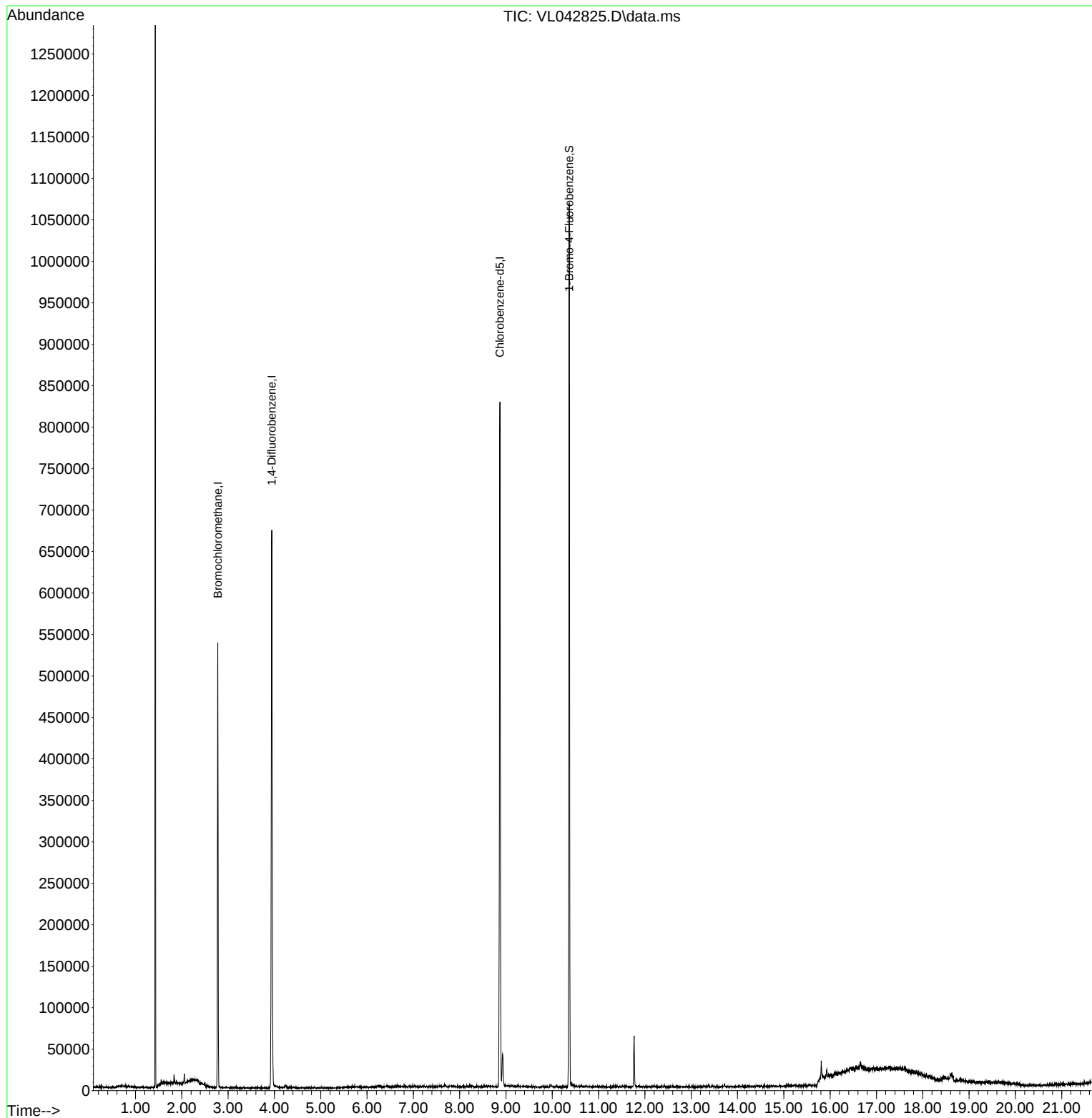
Target Compounds	Qvalue

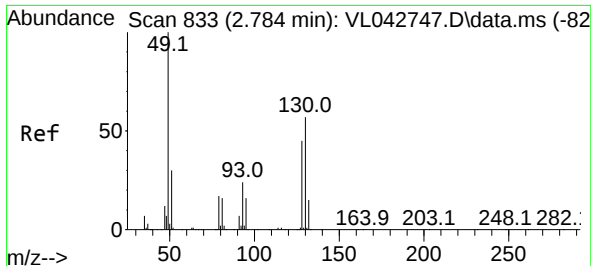
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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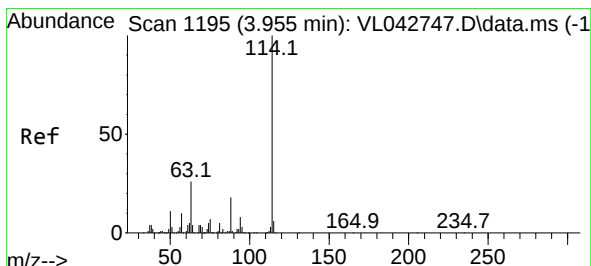
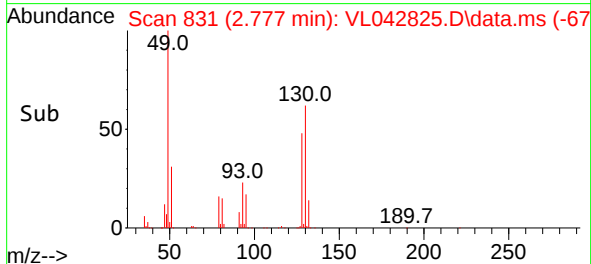
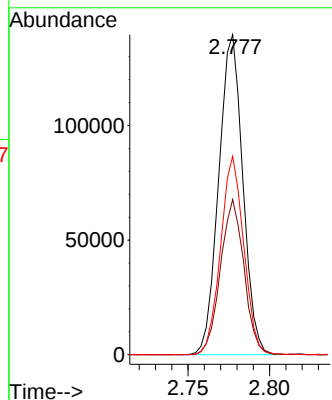
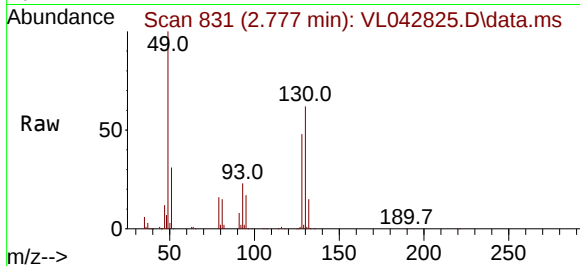




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.777 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL042825.D
 Acq: 07 Aug 2025 09:53

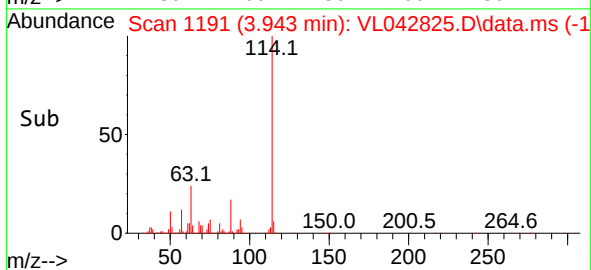
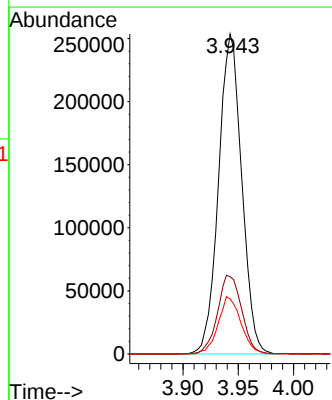
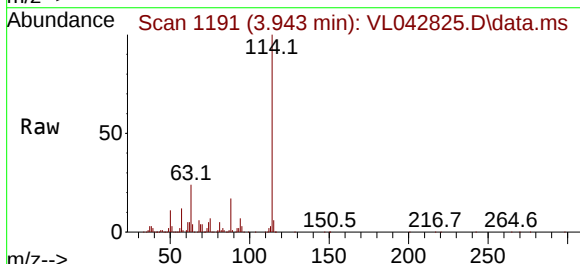
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0807ABL01

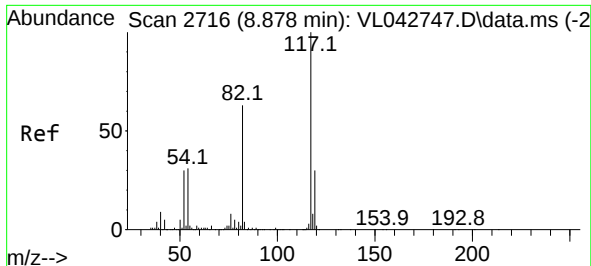
Tgt Ion: 49 Resp: 143339
 Ion Ratio Lower Upper
 49 100
 128 47.4 23.6 71.0
 130 59.8 30.3 90.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.943 min Scan# 1191
 Delta R.T. -0.013 min
 Lab File: VL042825.D
 Acq: 07 Aug 2025 09:53

Tgt Ion: 114 Resp: 368987
 Ion Ratio Lower Upper
 114 100
 63 25.7 20.5 30.7
 88 17.6 14.0 21.0

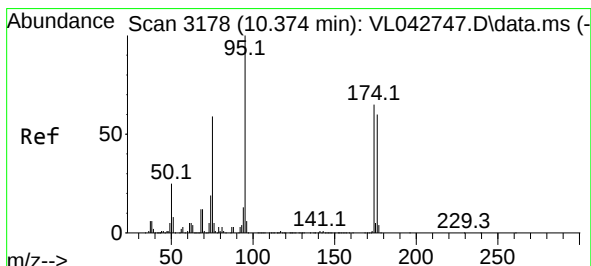
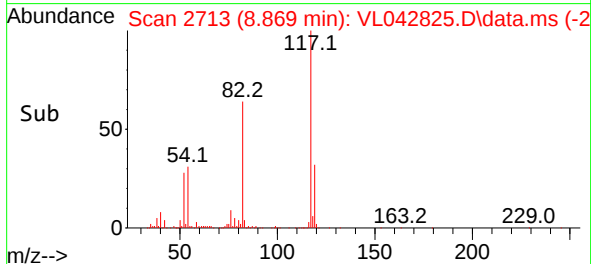
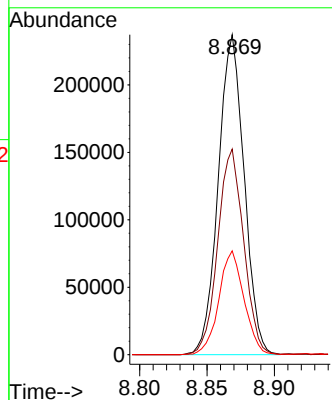
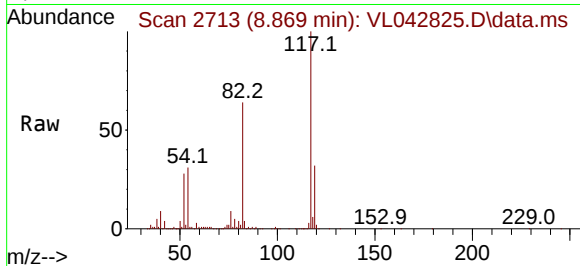




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042825.D
Acq: 07 Aug 2025 09:53

Instrument :
MSVOA_1
ClientSampleId :
VL0807ABL01

Tgt Ion:117 Resp: 317212
Ion Ratio Lower Upper
117 100
82 64.3 53.3 79.9
119 31.7 25.8 38.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.526 ppbv
RT: 10.364 min Scan# 3175
Delta R.T. -0.010 min
Lab File: VL042825.D
Acq: 07 Aug 2025 09:53

Tgt Ion: 95 Resp: 239316
Ion Ratio Lower Upper
95 100
174 66.1 53.8 80.6
175 4.7 4.0 6.0

