

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042797.D
 Acq On : 04 Aug 2025 10:15
 Operator : SY/MD
 Sample : VL0804ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABL01

Quant Time: Aug 05 01:00:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.790	49	154751	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	421335	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	368498	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	282525	9.681	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

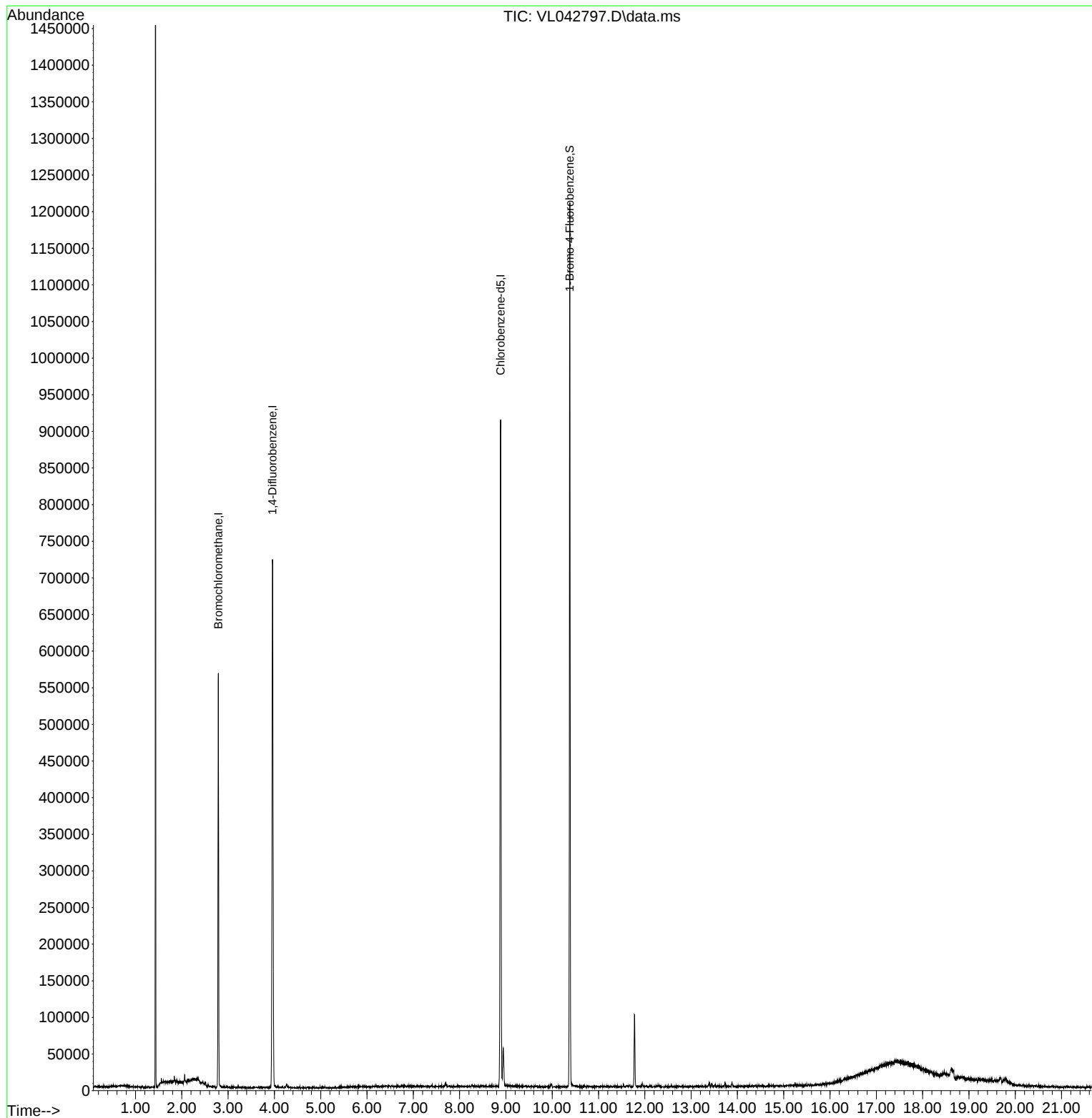
Target Compounds	Qvalue

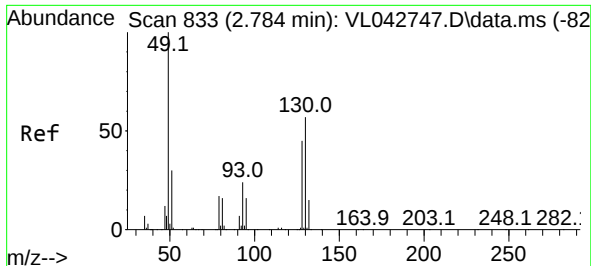
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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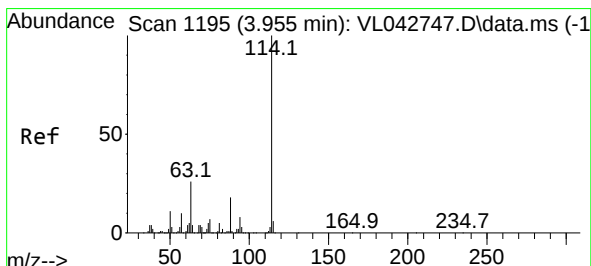
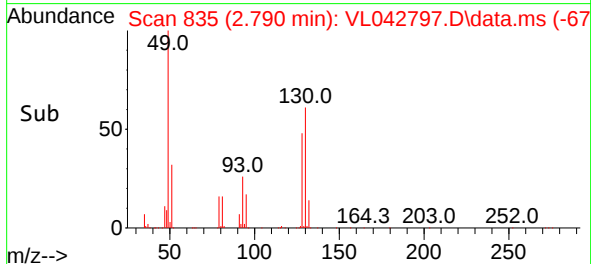
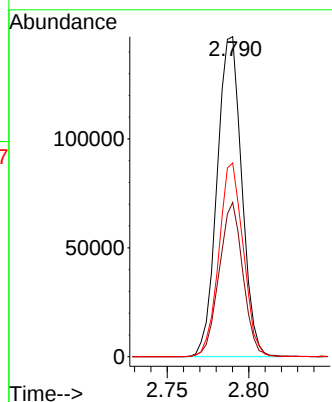
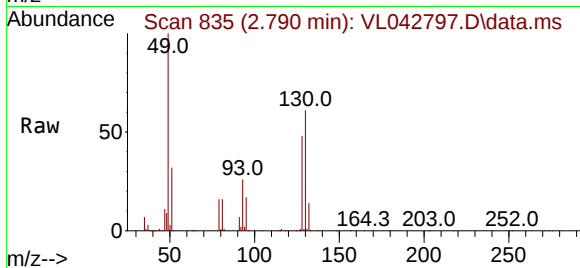




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042797.D
Acq: 04 Aug 2025 10:15

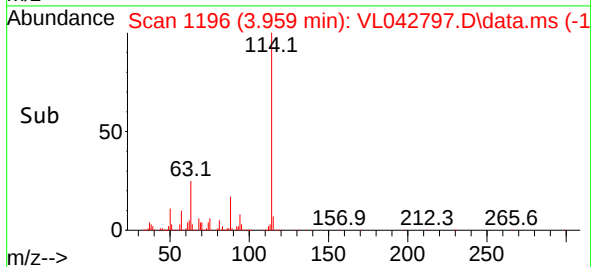
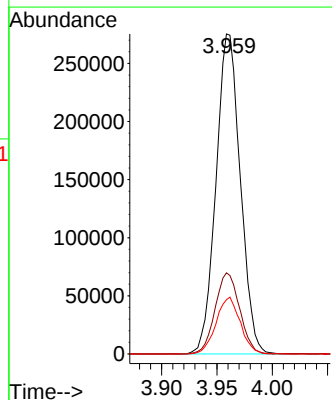
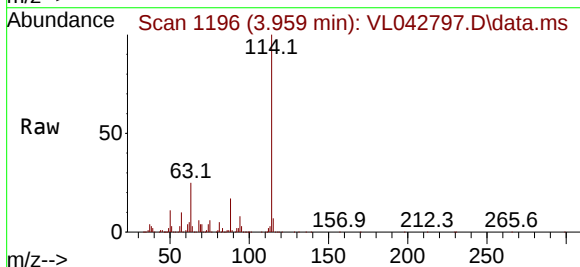
Instrument :
MSVOA_1
ClientSampleId :
VL0804ABL01

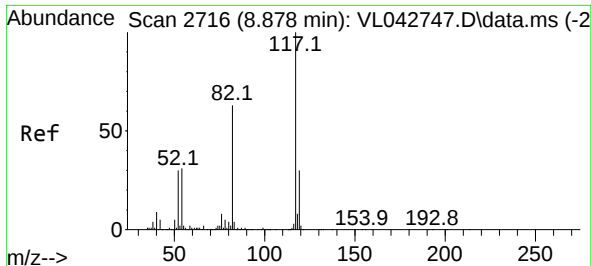
Tgt Ion: 49 Resp: 154751
Ion Ratio Lower Upper
49 100
128 46.5 23.6 71.0
130 59.8 30.3 90.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL042797.D
Acq: 04 Aug 2025 10:15

Tgt Ion:114 Resp: 421335
Ion Ratio Lower Upper
114 100
63 25.6 20.5 30.7
88 17.6 14.0 21.0

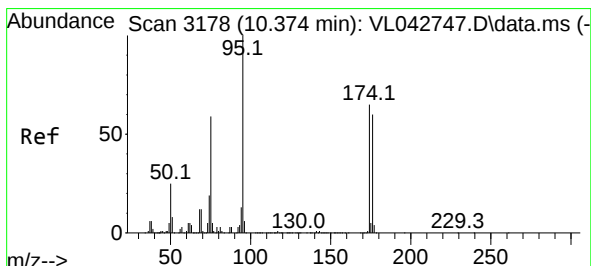
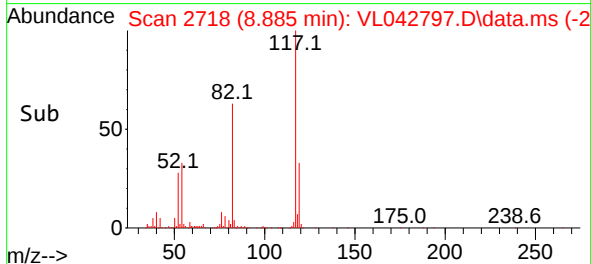
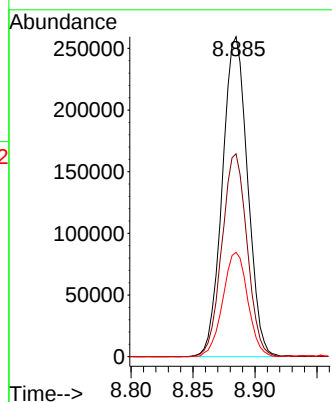
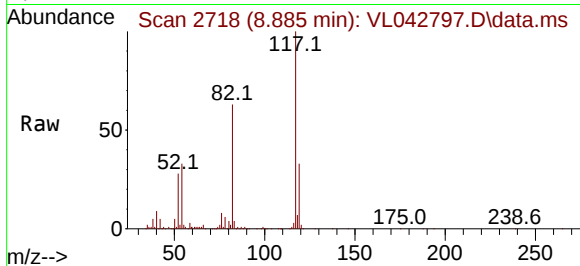




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042797.D
Acq: 04 Aug 2025 10:15

Instrument :
MSVOA_1
ClientSampleId :
VL0804ABL01

Tgt Ion:117 Resp: 368498
Ion Ratio Lower Upper
117 100
82 63.2 53.3 79.9
119 32.4 25.8 38.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.681 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.003 min
Lab File: VL042797.D
Acq: 04 Aug 2025 10:15

Tgt Ion: 95 Resp: 282525
Ion Ratio Lower Upper
95 100
174 66.3 53.8 80.6
175 5.2 4.0 6.0

