

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043068.D
 Acq On : 08 Oct 2025 21:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 09 01:23:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	181596	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	501458	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.875	117	384840	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	266056	9.597	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.000%

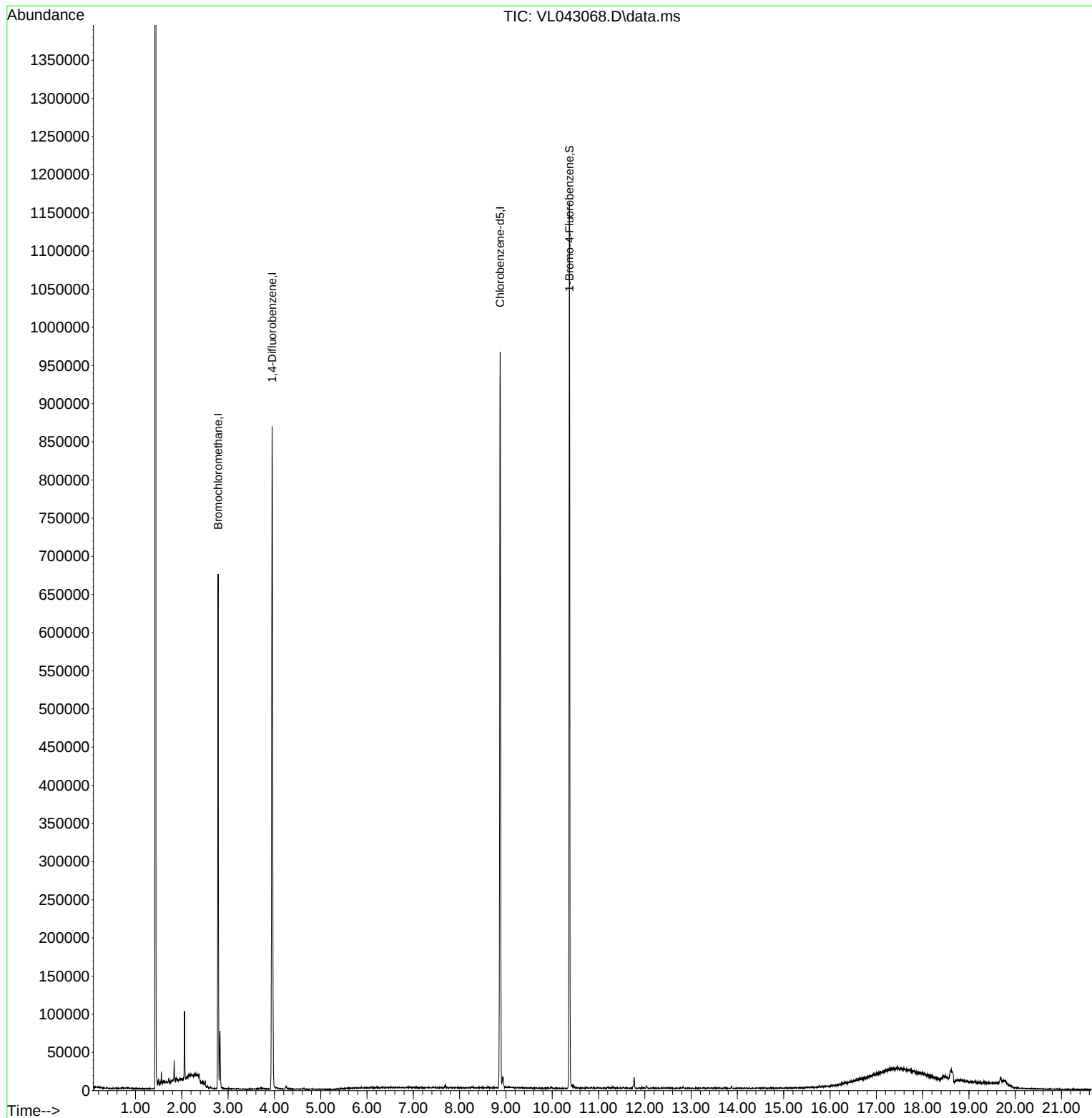
Target Compounds	Qvalue

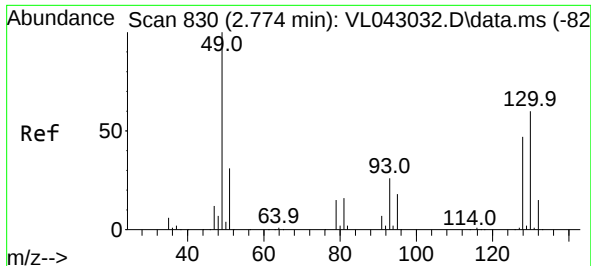
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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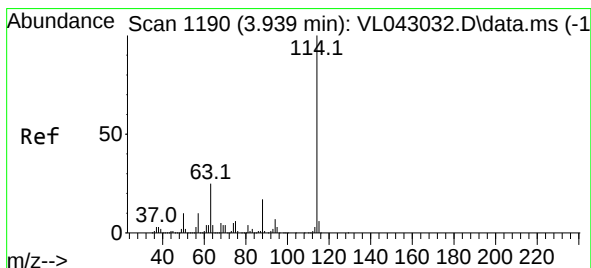
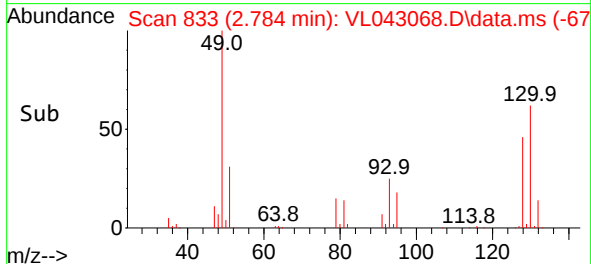
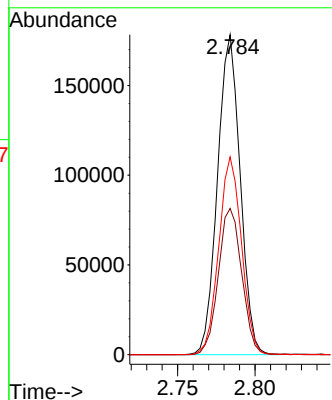
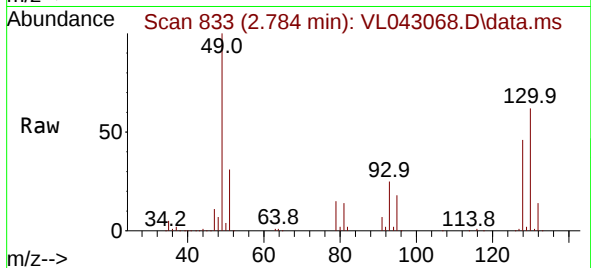




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL043068.D
Acq: 08 Oct 2025 21:03

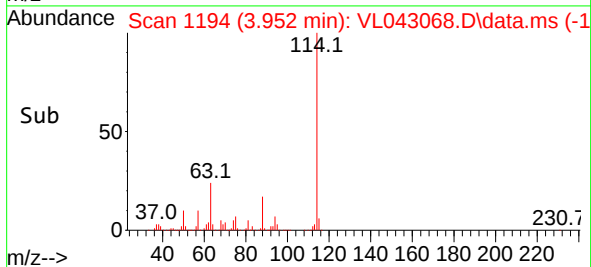
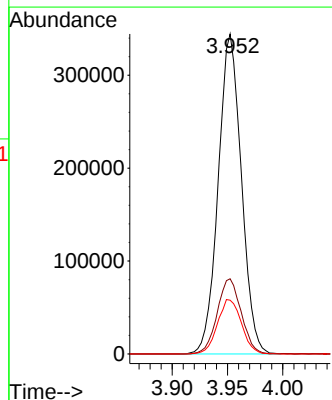
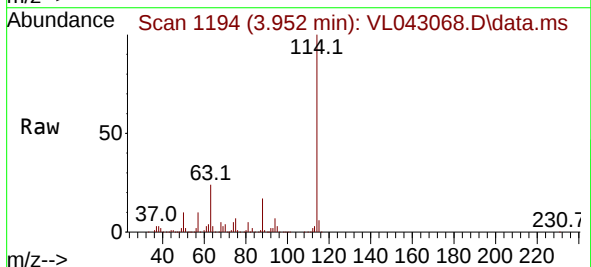
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

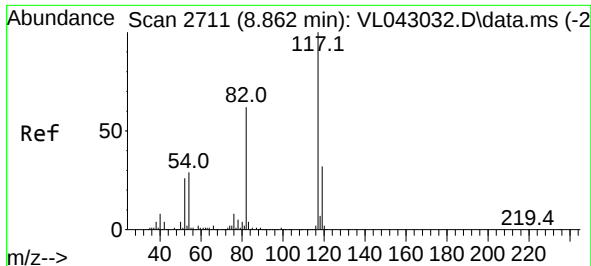
Tgt Ion: 49 Resp: 181596
Ion Ratio Lower Upper
49 100
128 47.2 24.1 72.2
130 62.1 31.4 94.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. 0.013 min
Lab File: VL043068.D
Acq: 08 Oct 2025 21:03

Tgt Ion: 114 Resp: 501458
Ion Ratio Lower Upper
114 100
63 24.4 19.4 29.2
88 17.6 13.9 20.9

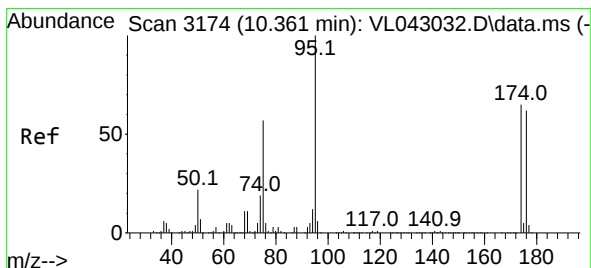
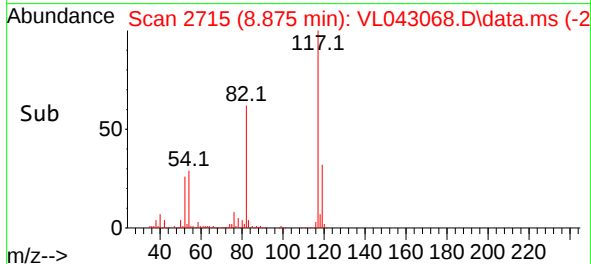
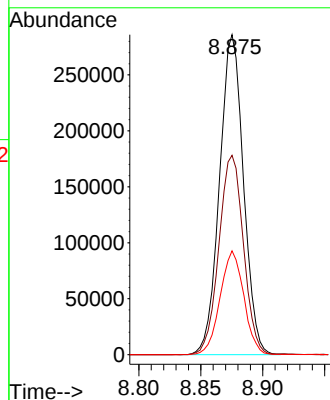
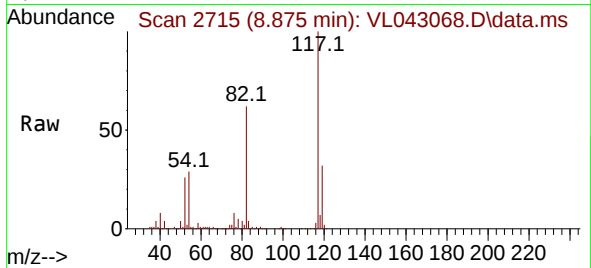




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL043068.D
Acq: 08 Oct 2025 21:03

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 384840
Ion Ratio Lower Upper
117 100
82 64.0 53.0 79.6
119 32.3 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.597 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. 0.010 min
Lab File: VL043068.D
Acq: 08 Oct 2025 21:03

Tgt Ion: 95 Resp: 266056
Ion Ratio Lower Upper
95 100
174 66.2 52.3 78.5
175 5.0 3.8 5.8

