

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
 Data File : VL043050.D
 Acq On : 06 Oct 2025 12:29
 Operator : SY/MD
 Sample : CAN 10312
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10312

Quant Time: Oct 07 01:35:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	170064	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	456162	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.878	117	371217	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	258881	9.681	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

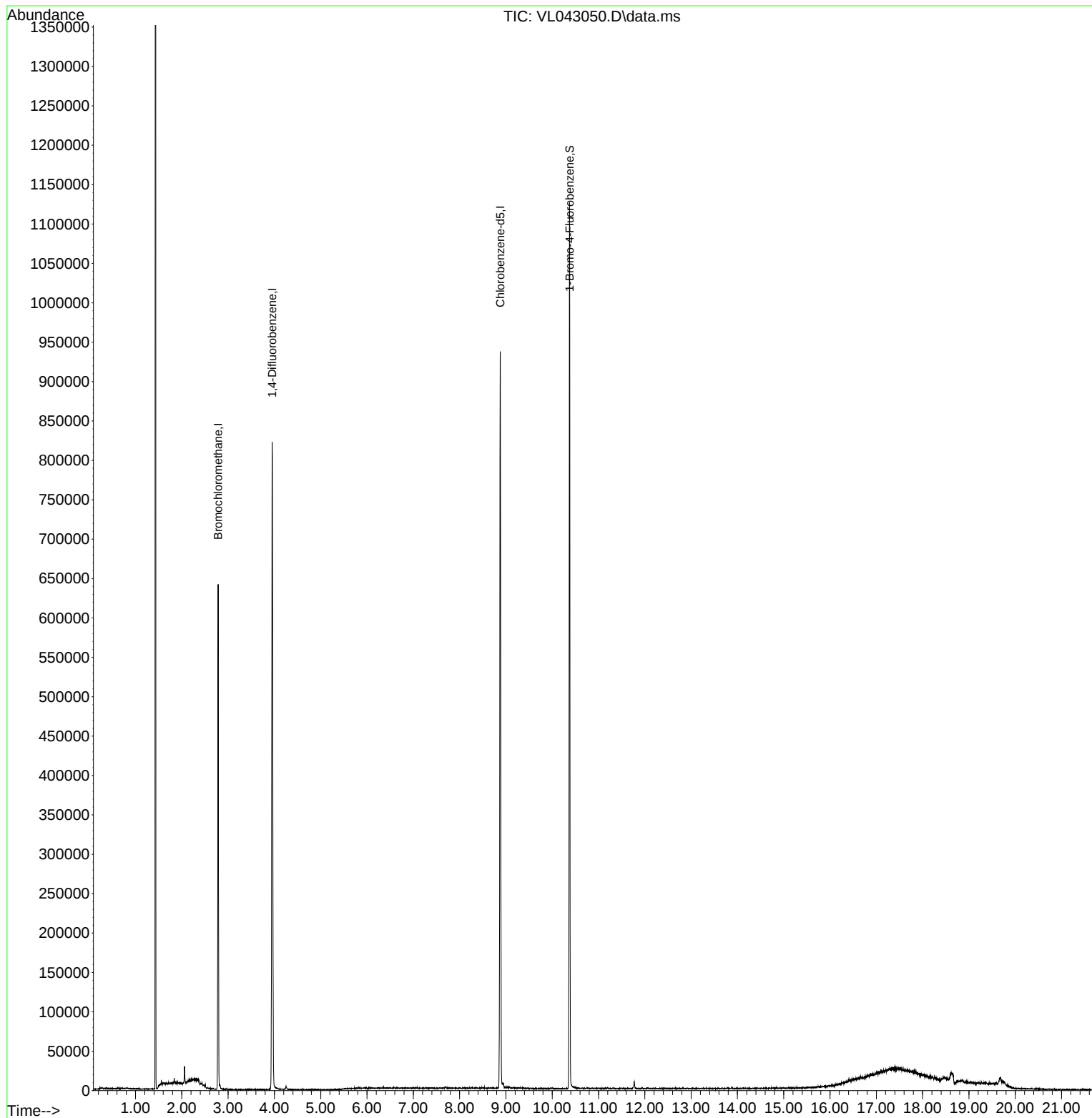
Target Compounds	Qvalue

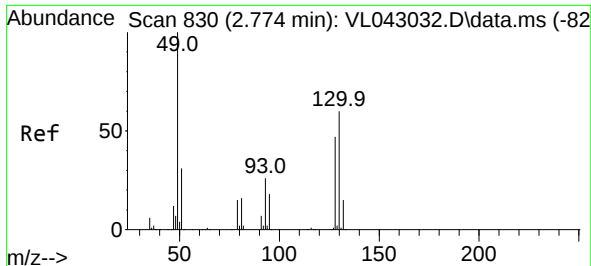
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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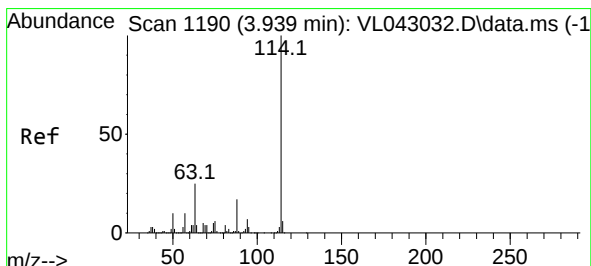
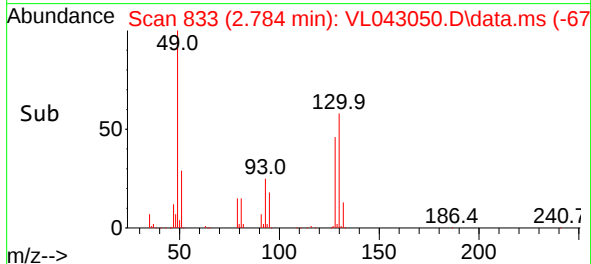
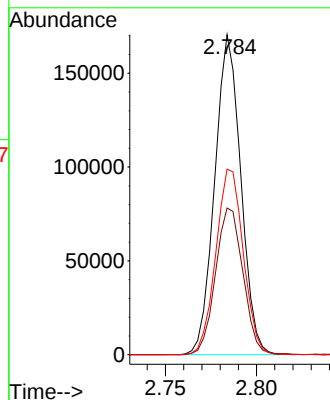
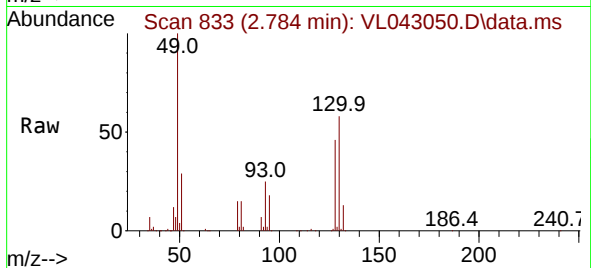




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL043050.D
Acq: 06 Oct 2025 12:29

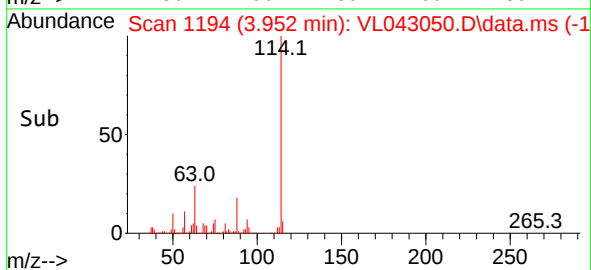
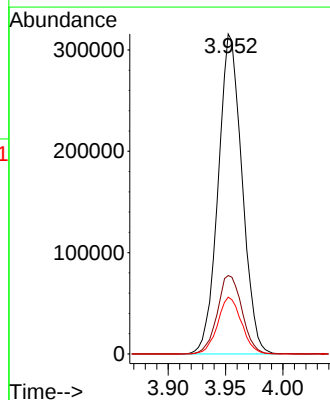
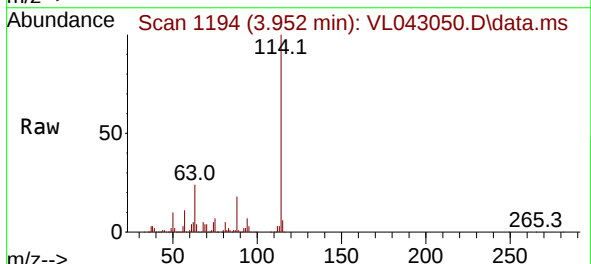
Instrument :
MSVOA_L
ClientSampleId :
CAN 10312

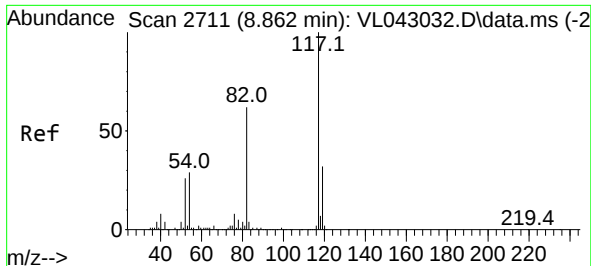
Tgt Ion: 49 Resp: 170064
Ion Ratio Lower Upper
49 100
128 48.1 24.1 72.2
130 61.1 31.4 94.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. 0.013 min
Lab File: VL043050.D
Acq: 06 Oct 2025 12:29

Tgt Ion: 114 Resp: 456162
Ion Ratio Lower Upper
114 100
63 25.5 19.4 29.2
88 17.8 13.9 20.9

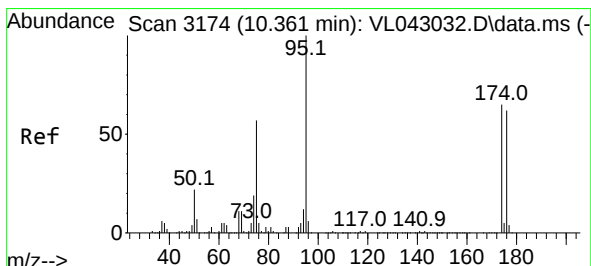
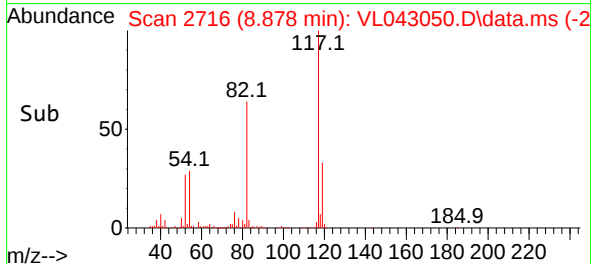
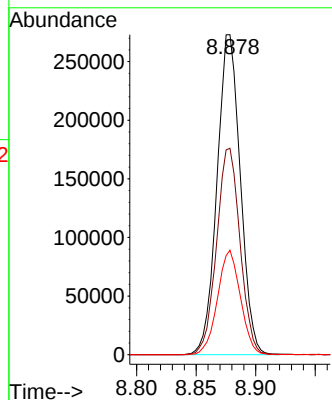
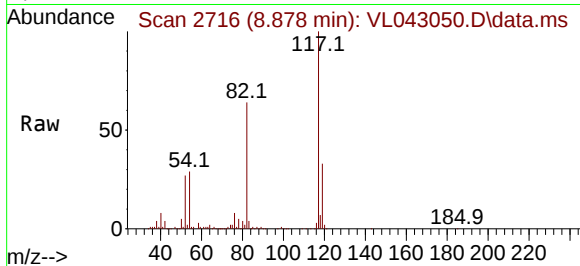




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL043050.D
Acq: 06 Oct 2025 12:29

Instrument :
MSVOA_L
ClientSampleId :
CAN 10312

Tgt Ion:117 Resp: 371217
Ion Ratio Lower Upper
117 100
82 64.9 53.0 79.6
119 32.2 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.681 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.013 min
Lab File: VL043050.D
Acq: 06 Oct 2025 12:29

Tgt Ion: 95 Resp: 258881
Ion Ratio Lower Upper
95 100
174 64.1 52.3 78.5
175 4.6 3.8 5.8

