

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110425\
 Data File : VL043145.D
 Acq On : 04 Nov 2025 09:06
 Operator : SY/MD
 Sample : VL1104ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1104ABL01

Quant Time: Nov 05 06:27:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	117427	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	381405	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	332306	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	252193	9.764	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%

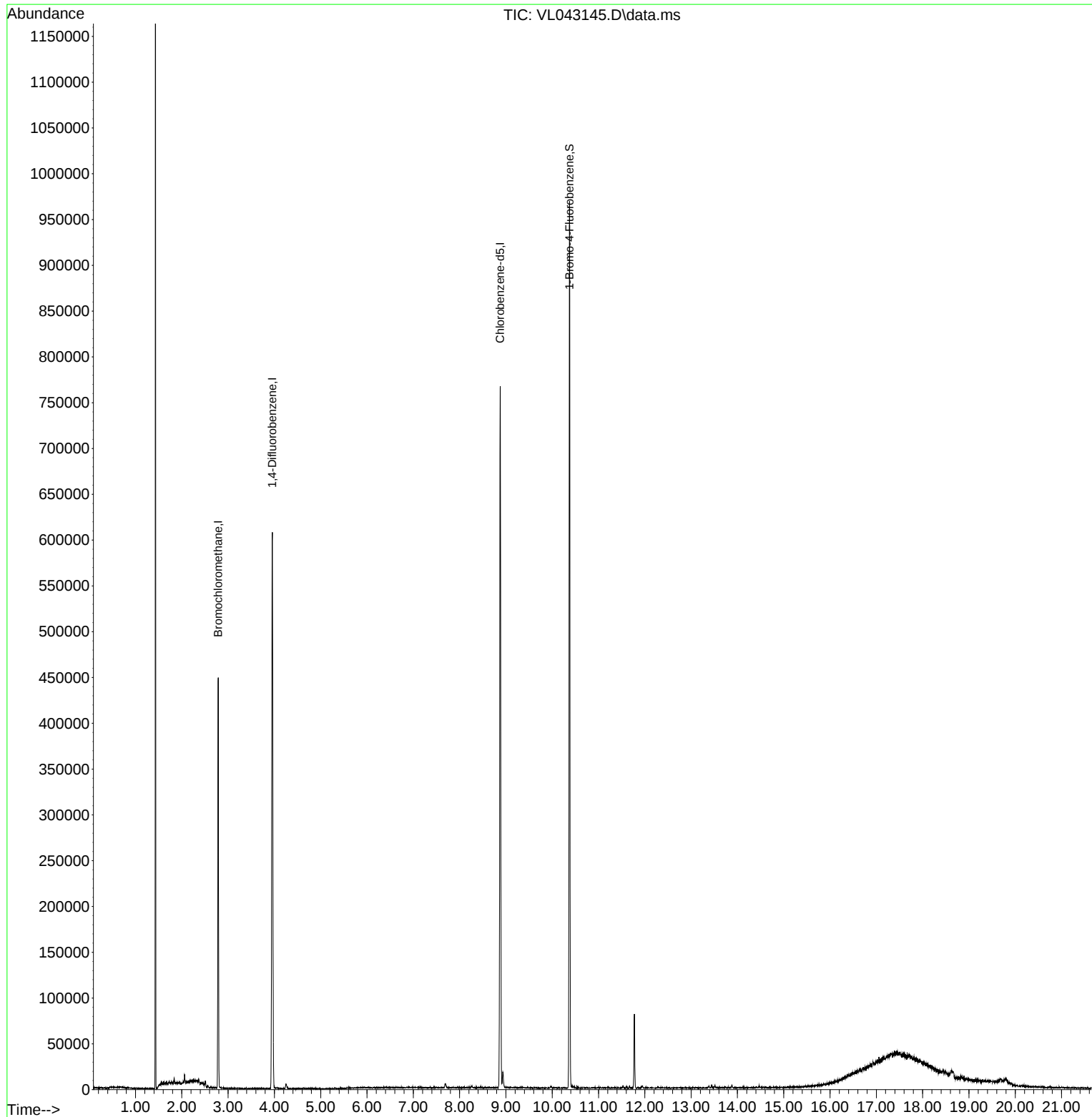
Target Compounds	Qvalue

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

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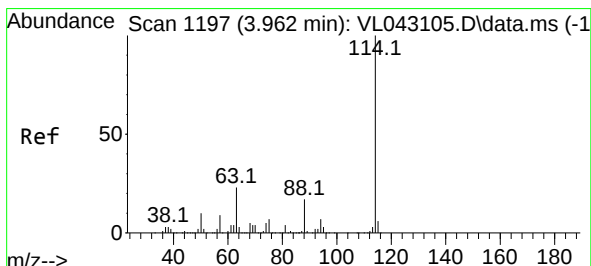
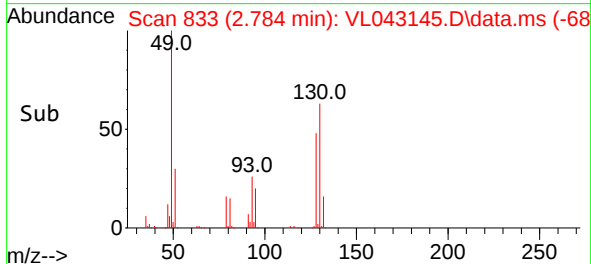
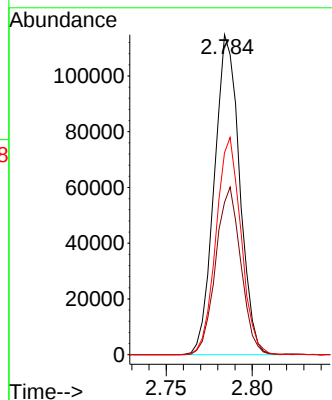
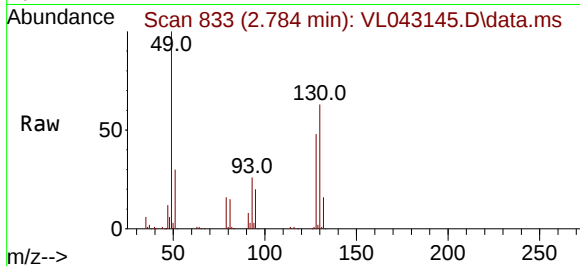




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL043145.D
Acq: 04 Nov 2025 09:06

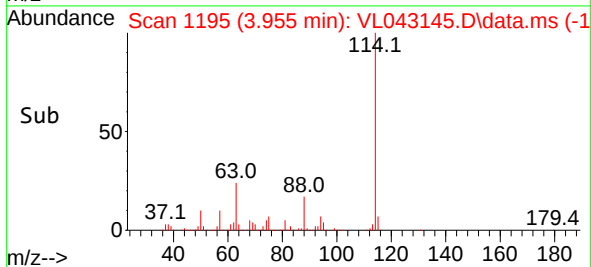
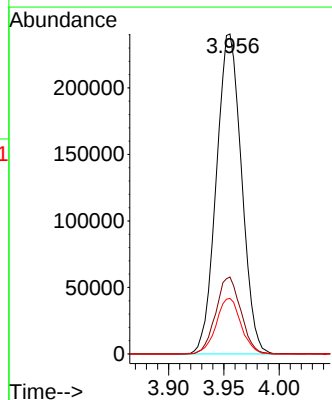
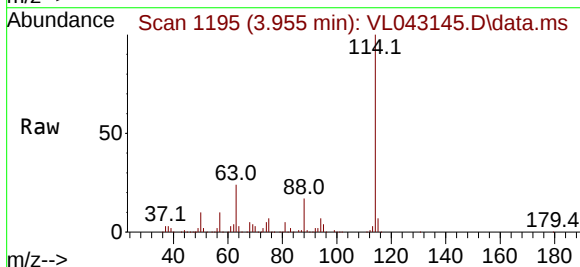
Instrument :
MSVOA_L
ClientSampleId :
VL1104ABL01

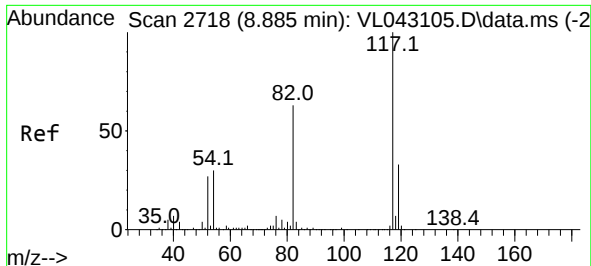
Tgt Ion: 49 Resp: 117427
Ion Ratio Lower Upper
49 100
128 52.0 24.4 73.4
130 67.4 31.0 93.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.007 min
Lab File: VL043145.D
Acq: 04 Nov 2025 09:06

Tgt Ion: 114 Resp: 381405
Ion Ratio Lower Upper
114 100
63 23.8 19.3 28.9
88 17.1 13.9 20.9

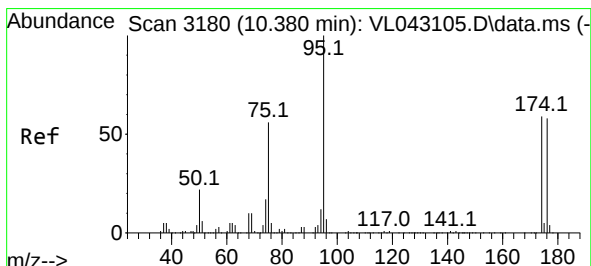
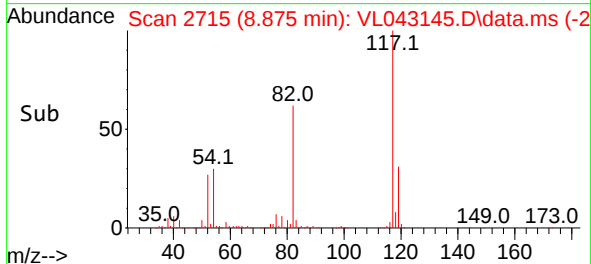
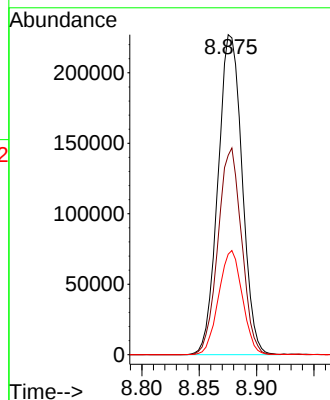
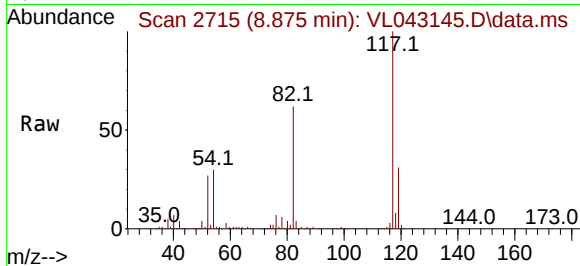




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL043145.D
Acq: 04 Nov 2025 09:06

Instrument :
MSVOA_L
ClientSampleId :
VL1104ABL01

Tgt Ion:117 Resp: 332306
Ion Ratio Lower Upper
117 100
82 63.3 53.8 80.8
119 32.0 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.764 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. -0.010 min
Lab File: VL043145.D
Acq: 04 Nov 2025 09:06

Tgt Ion: 95 Resp: 252193
Ion Ratio Lower Upper
95 100
174 65.2 48.3 72.5
175 4.7 3.8 5.8

