

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120225\
 Data File : VL043302.D
 Acq On : 03 Dec 2025 07:41
 Operator : SY/MD
 Sample : QC1125 25 CAN 10269
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC1125 25 CAN 10269

Quant Time: Dec 04 00:08:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	125962	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	321828	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	240845	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	166485	9.430	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%

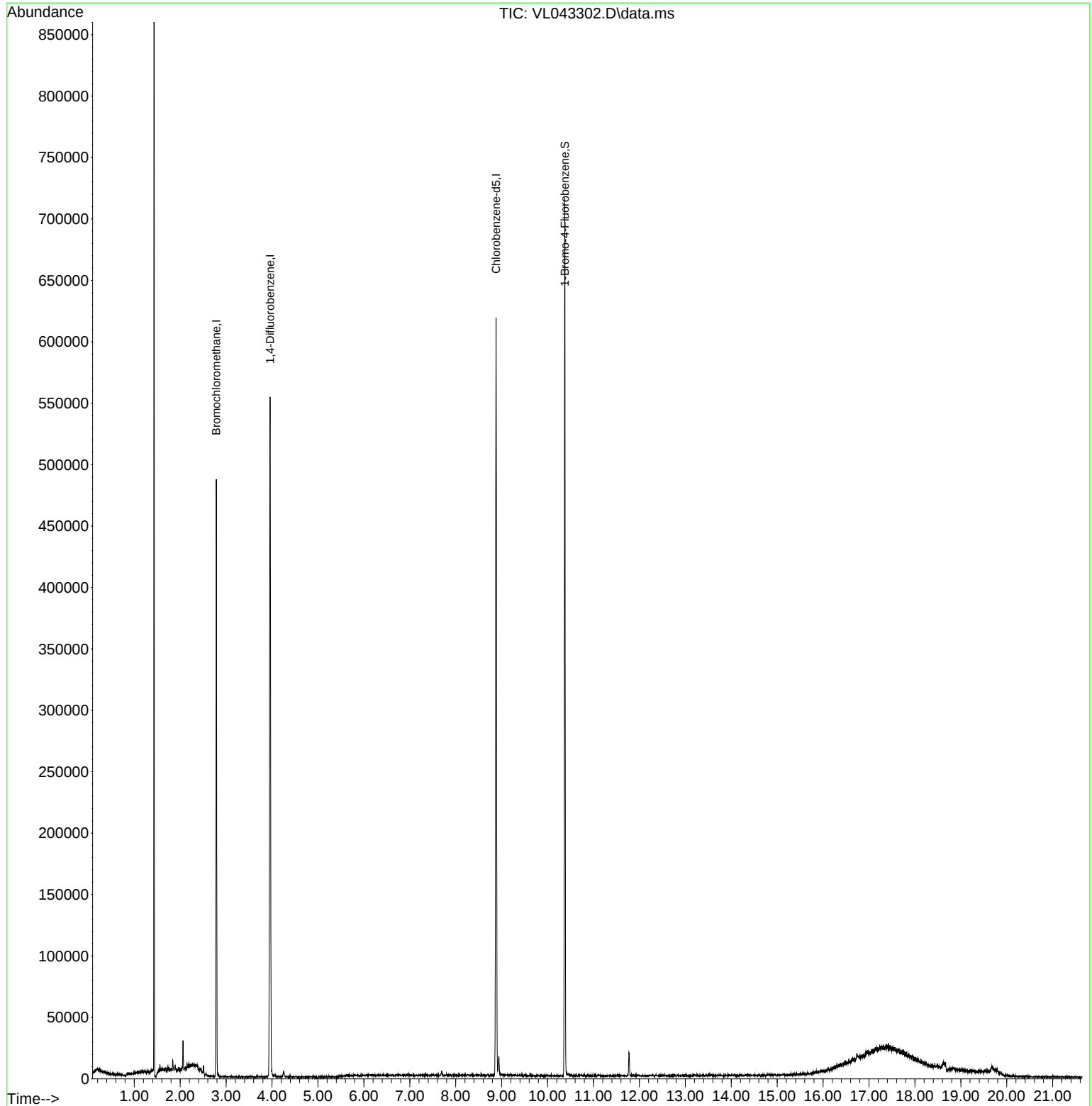
Target Compounds	Qvalue

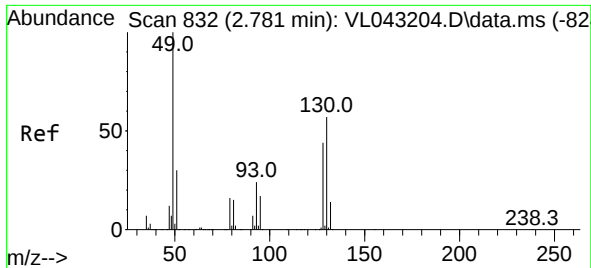
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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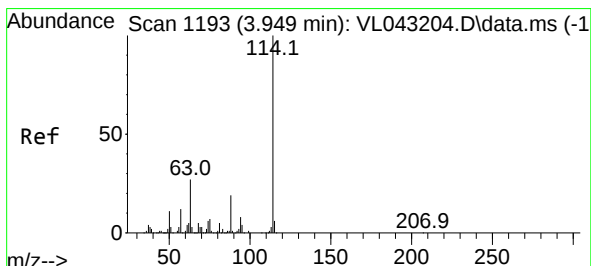
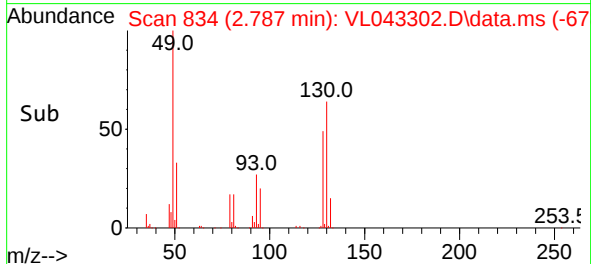
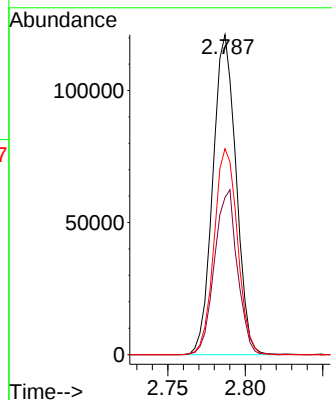
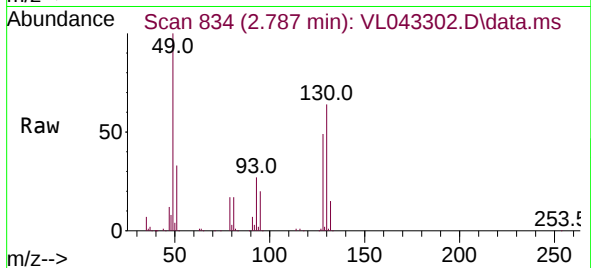




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 832
 Delta R.T. 0.006 min
 Lab File: VL043302.D
 Acq: 03 Dec 2025 07:41

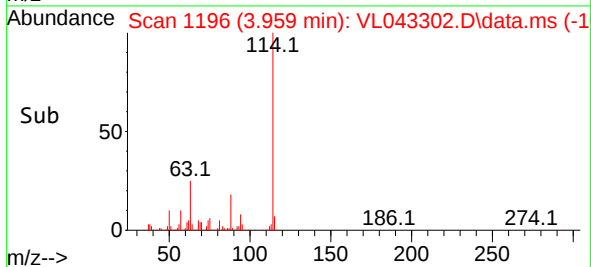
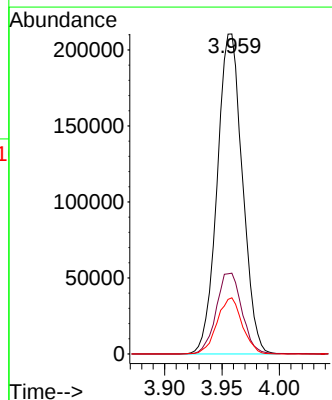
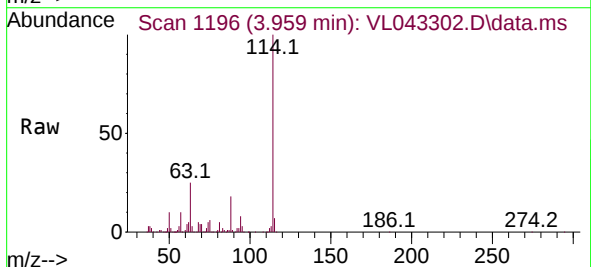
Instrument :
 MSVOA_1
 ClientSampleId :
 QC1125 25 CAN 10269

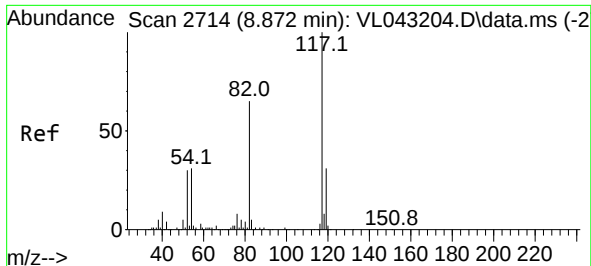
Tgt Ion: 49 Resp: 125962
 Ion Ratio Lower Upper
 49 100
 128 50.9 23.0 69.0
 130 65.0 29.9 89.7



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.959 min Scan# 1196
 Delta R.T. 0.009 min
 Lab File: VL043302.D
 Acq: 03 Dec 2025 07:41

Tgt Ion: 114 Resp: 321828
 Ion Ratio Lower Upper
 114 100
 63 25.8 21.0 31.6
 88 17.4 14.9 22.3

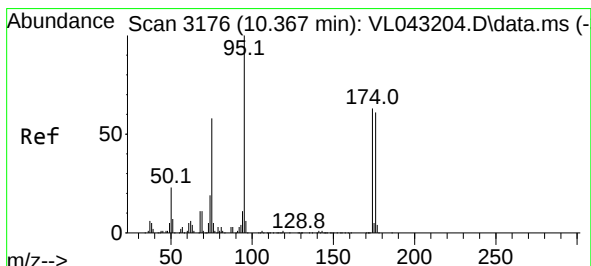
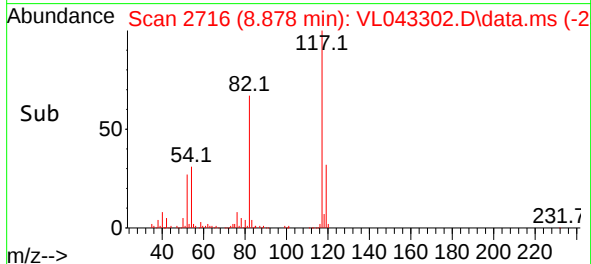
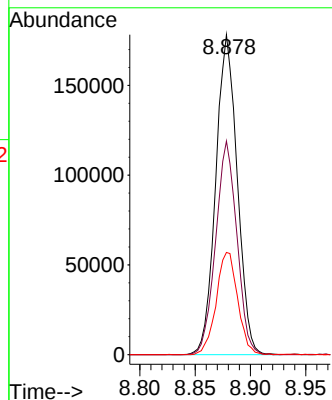
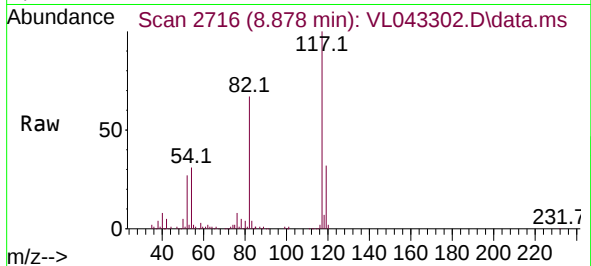




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL043302.D
Acq: 03 Dec 2025 07:41

Instrument :
MSVOA_1
ClientSampleId :
QC1125 25 CAN 10269

Tgt Ion:117 Resp: 240845
Ion Ratio Lower Upper
117 100
82 65.8 56.1 84.1
119 32.1 25.0 37.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.430 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.006 min
Lab File: VL043302.D
Acq: 03 Dec 2025 07:41

Tgt Ion: 95 Resp: 166485
Ion Ratio Lower Upper
95 100
174 66.6 50.2 75.2
175 5.1 4.1 6.1

