

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043059.D
 Acq On : 08 Oct 2025 12:16
 Operator : SY/MD
 Sample : QC100725 CAN 10133
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC100725 CAN 10133

Quant Time: Oct 09 01:16:18 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	2.787	49	174622	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.962	114	455412	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.885	117	372481	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	255689	9.529	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%

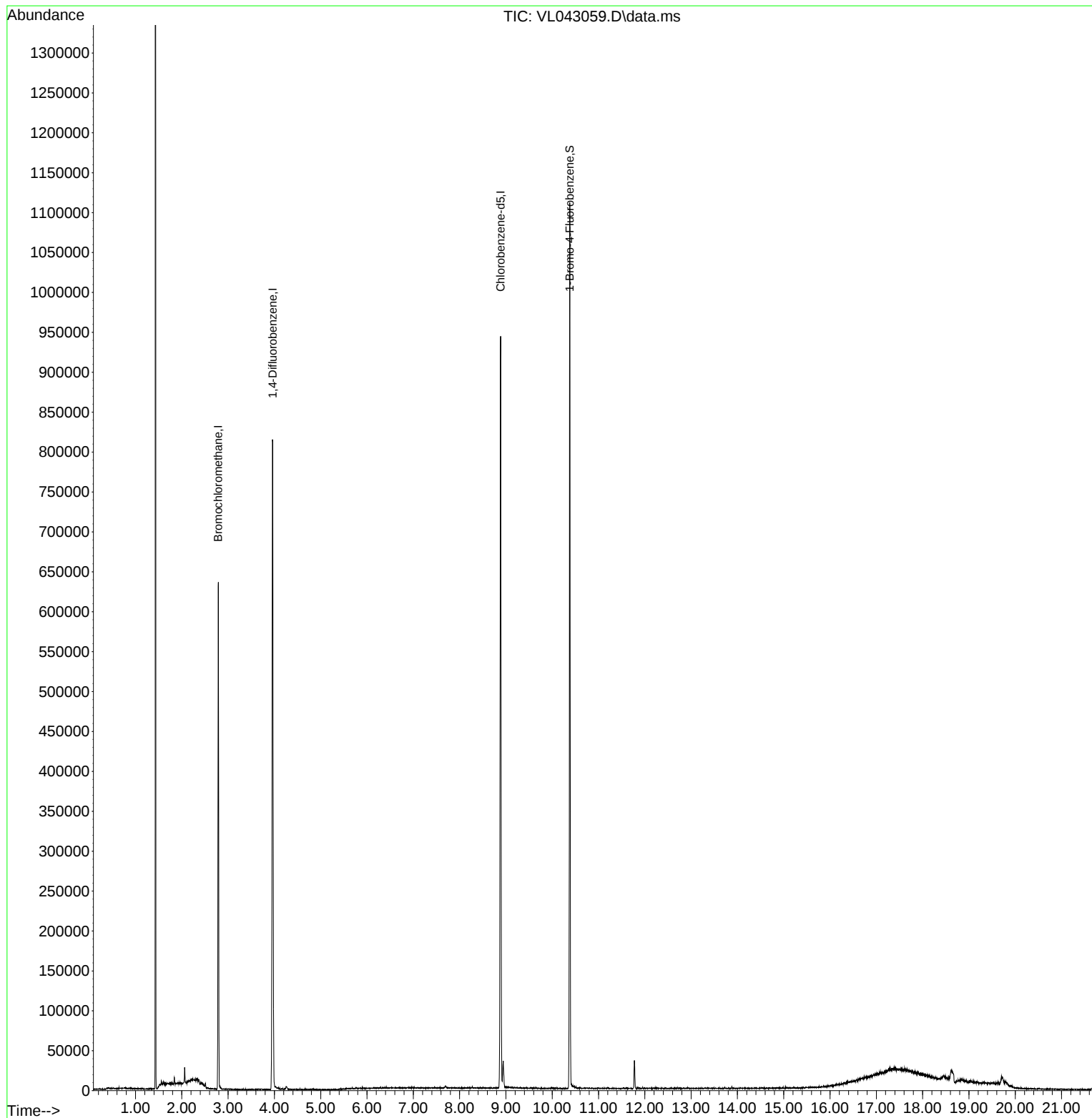
Target Compounds	Qvalue

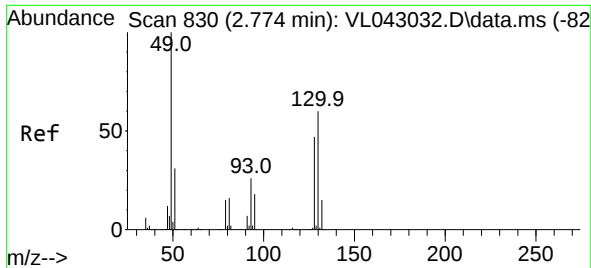
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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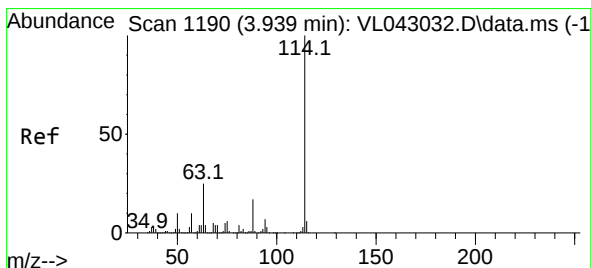
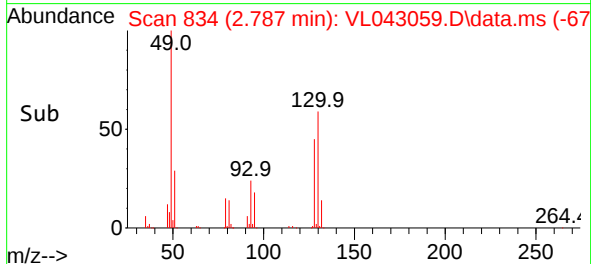
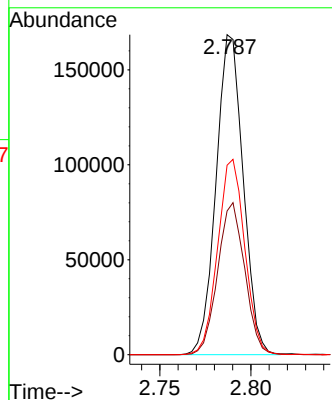
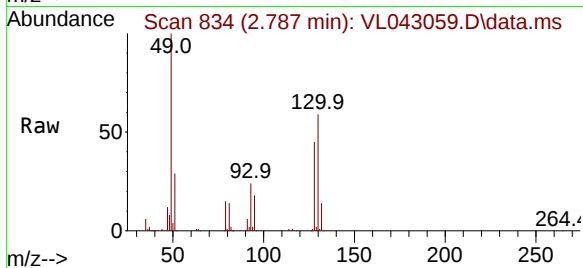




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VL043059.D
 Acq: 08 Oct 2025 12:16

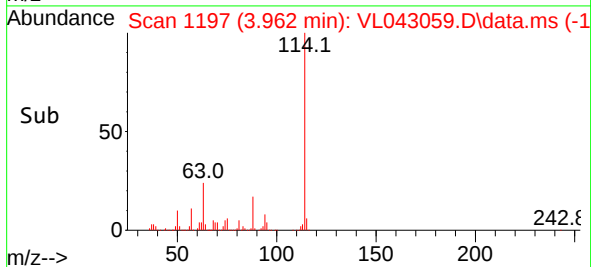
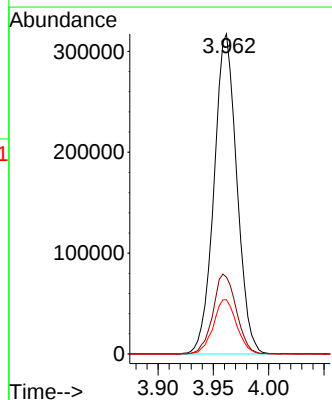
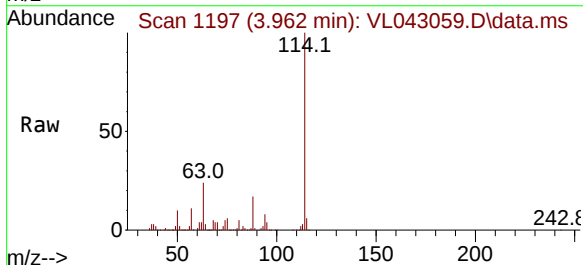
Instrument :
 MSVOA_L
 ClientSampleId :
 QC100725 CAN 10133

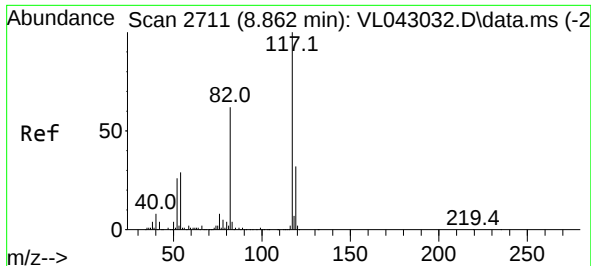
Tgt Ion: 49 Resp: 174622
 Ion Ratio Lower Upper
 49 100
 128 47.2 24.1 72.2
 130 61.0 31.4 94.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.023 min
 Lab File: VL043059.D
 Acq: 08 Oct 2025 12:16

Tgt Ion: 114 Resp: 455412
 Ion Ratio Lower Upper
 114 100
 63 25.5 19.4 29.2
 88 17.4 13.9 20.9

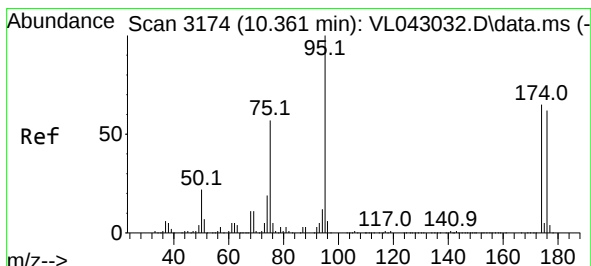
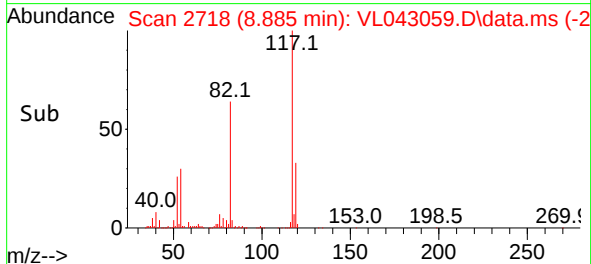
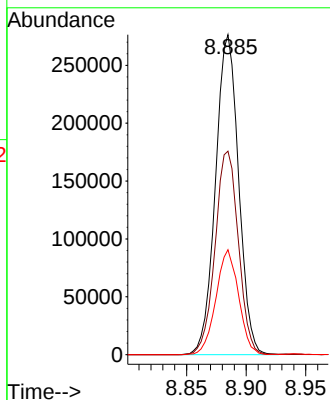
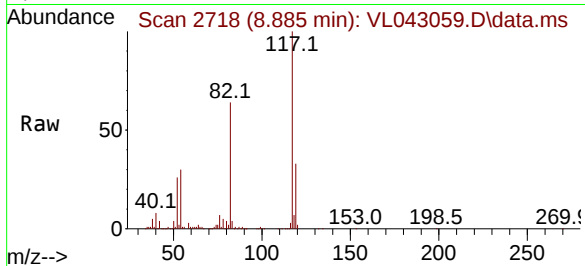




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL043059.D
Acq: 08 Oct 2025 12:16

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 372481
Ion Ratio Lower Upper
117 100
82 64.2 53.0 79.6
119 32.2 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.529 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.016 min
Lab File: VL043059.D
Acq: 08 Oct 2025 12:16

Tgt Ion: 95 Resp: 255689
Ion Ratio Lower Upper
95 100
174 65.5 52.3 78.5
175 4.8 3.8 5.8

