

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
 Data File : VL043048.D
 Acq On : 06 Oct 2025 11:23
 Operator : SY/MD
 Sample : QC092425 CAN 10590
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC092425 CAN 10590

Quant Time: Oct 07 01:34:27 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	2.781	49	170545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	476003	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	387537	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	268829	9.629	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.300%

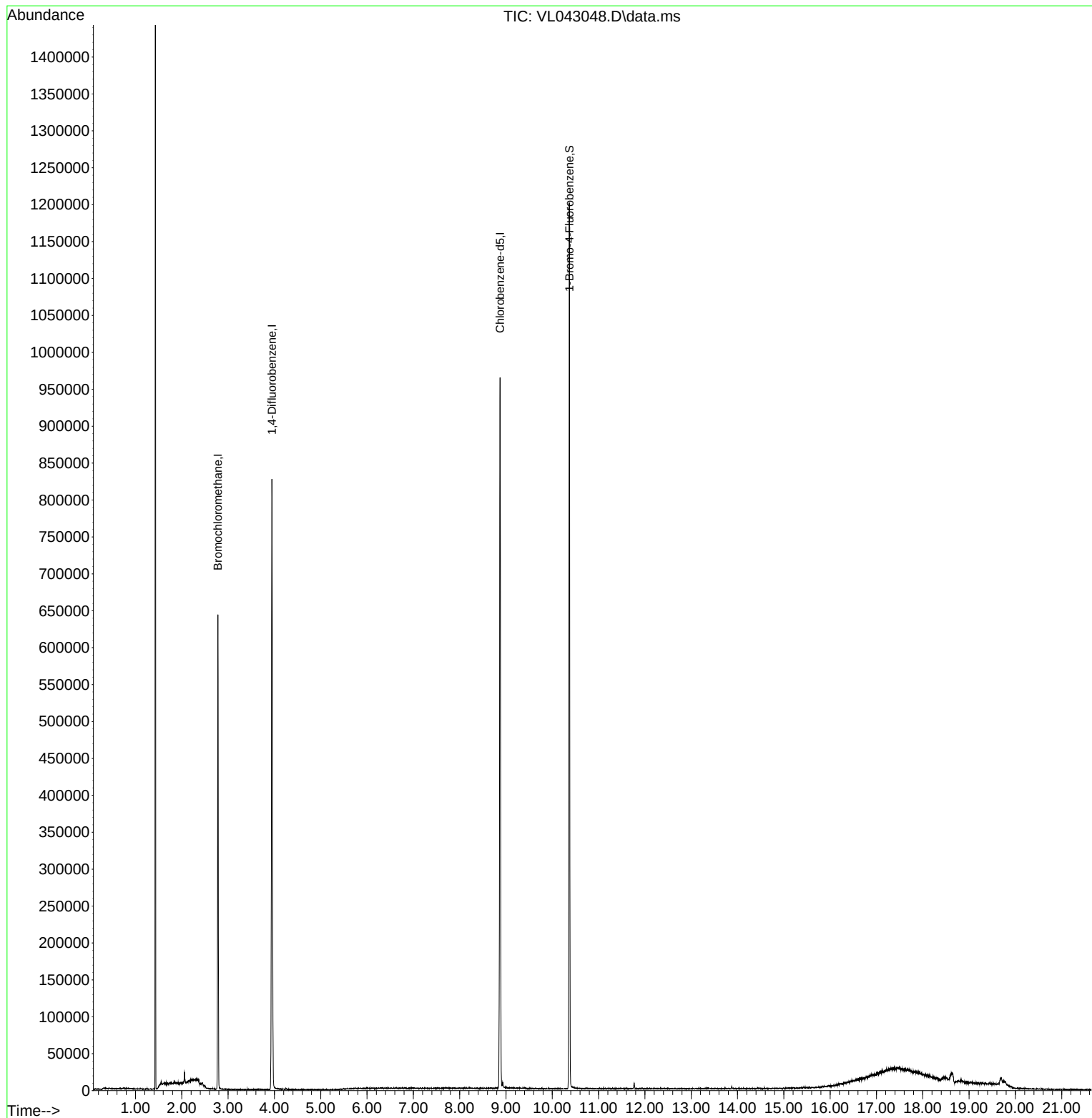
Target Compounds	Qvalue

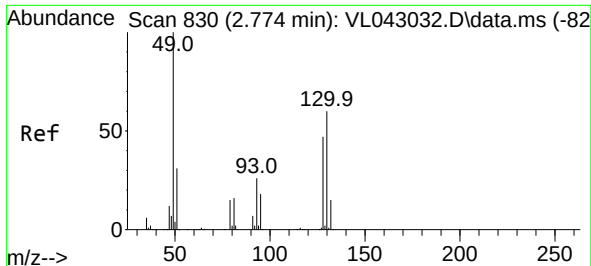
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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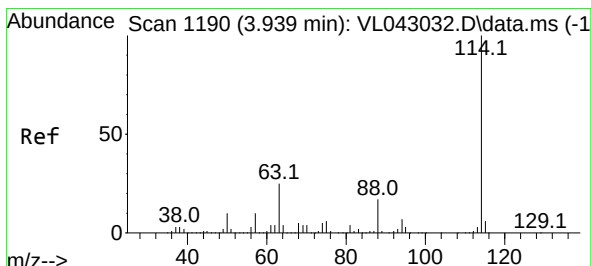
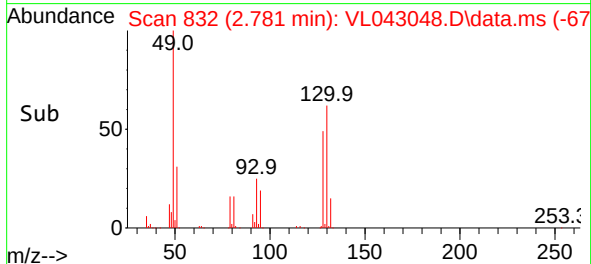
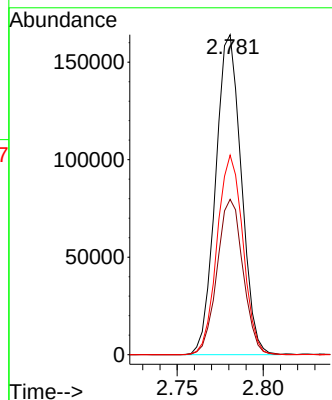
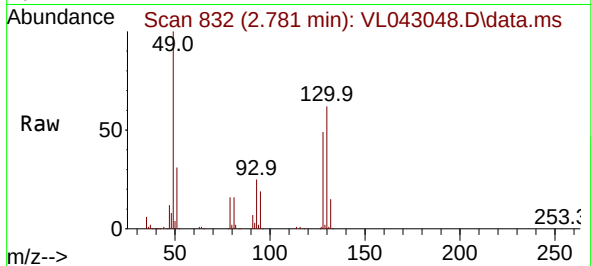




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.781 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL043048.D
 Acq: 06 Oct 2025 11:23

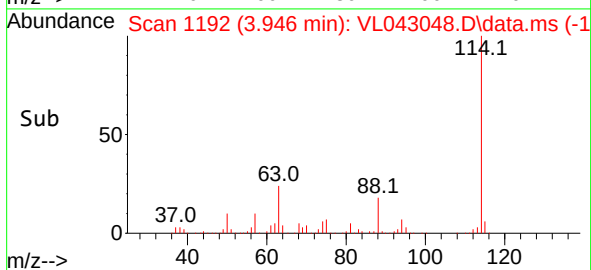
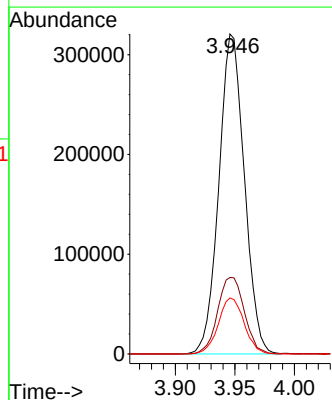
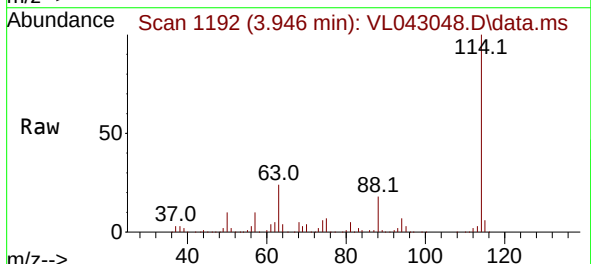
Instrument :
 MSVOA_L
 ClientSampleId :
 QC092425 CAN 10590

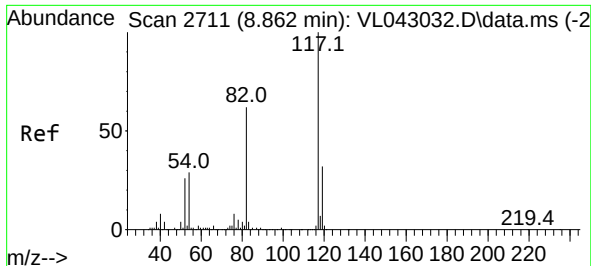
Tgt Ion: 49 Resp: 170545
 Ion Ratio Lower Upper
 49 100
 128 48.9 24.1 72.2
 130 62.7 31.4 94.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.946 min Scan# 1192
 Delta R.T. 0.007 min
 Lab File: VL043048.D
 Acq: 06 Oct 2025 11:23

Tgt Ion: 114 Resp: 476003
 Ion Ratio Lower Upper
 114 100
 63 25.2 19.4 29.2
 88 17.7 13.9 20.9

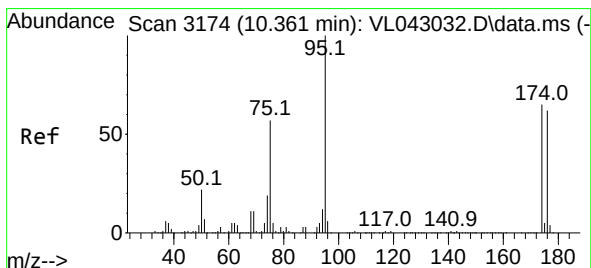
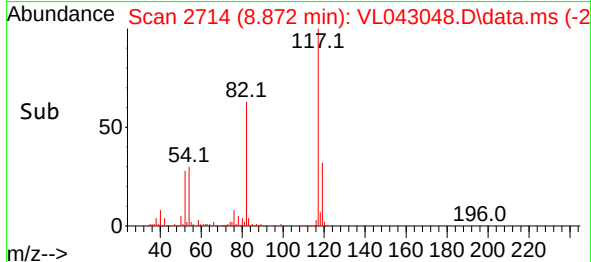
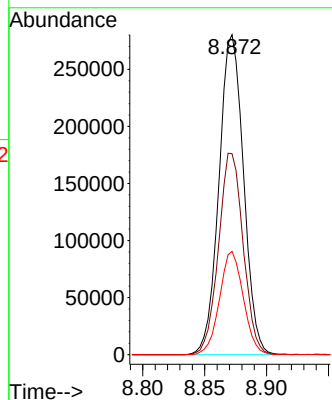
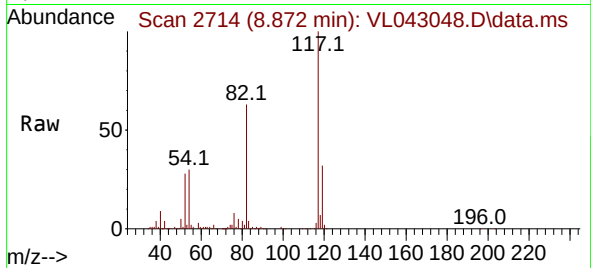




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
QC092425 CAN 10590

Tgt Ion:117 Resp: 387537
Ion Ratio Lower Upper
117 100
82 63.3 53.0 79.6
119 31.4 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.629 ppbv
RT: 10.367 min Scan# 3176
Delta R.T. 0.007 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Tgt Ion: 95 Resp: 268829
Ion Ratio Lower Upper
95 100
174 64.9 52.3 78.5
175 4.8 3.8 5.8

