

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042597.D
 Acq On : 29 May 2025 21:44
 Operator : SY/MD
 Sample : QC052725 CAN 10609
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC052725 CAN 10609

Quant Time: May 30 02:15:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

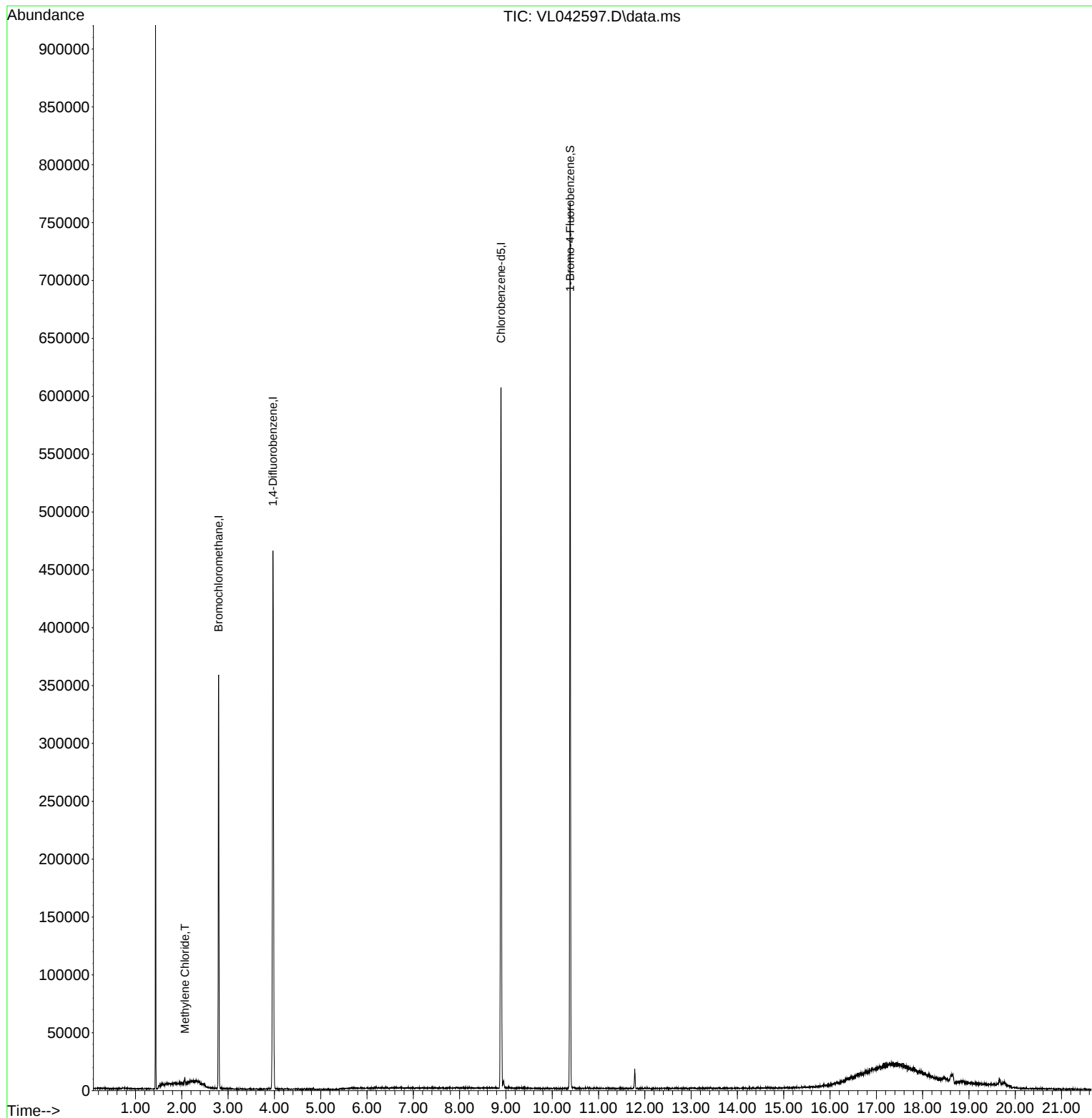
Internal Standards						
1) Bromochloromethane	2.793	49	103012	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	291229	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	260705	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	193381	9.895	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
20) Methylene Chloride	2.068	84	774	0.189	ppbv	Qvalue # 77

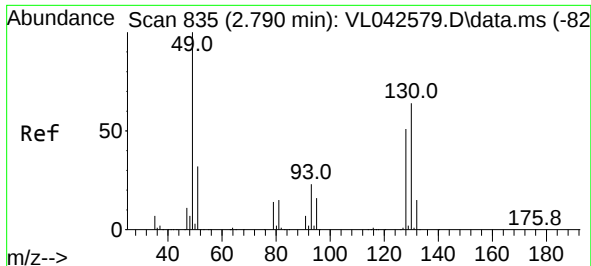
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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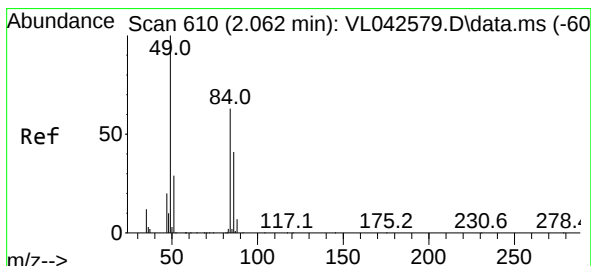
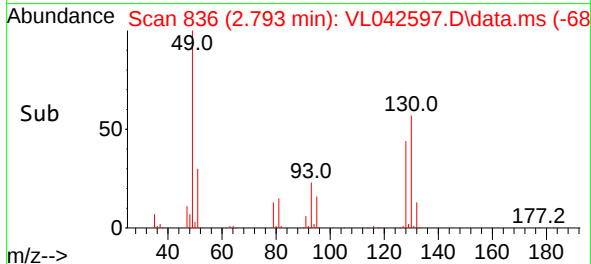
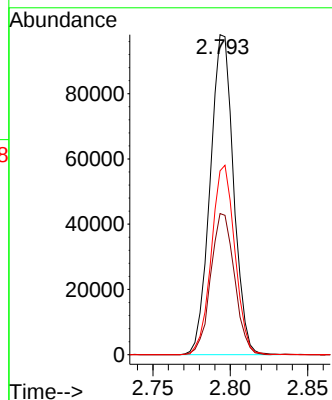
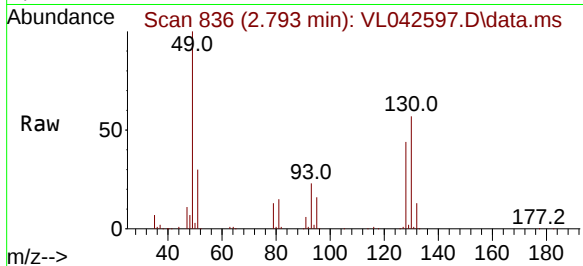




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042597.D
 Acq: 29 May 2025 21:44

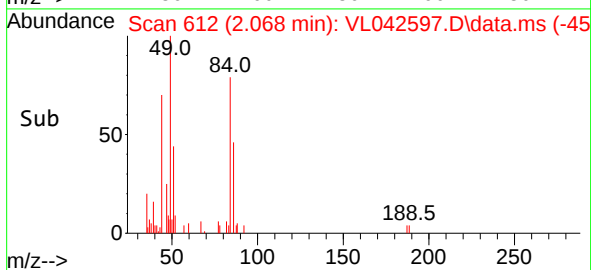
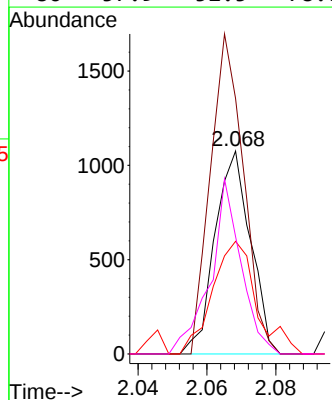
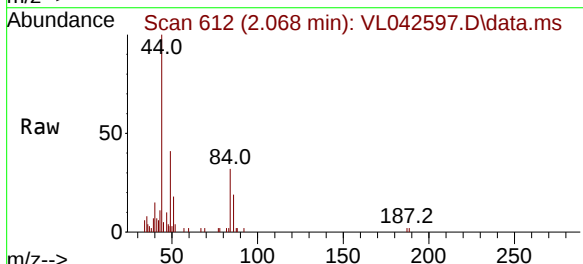
Instrument :
 MSVOA_L
 ClientSampleId :
 QC052725 CAN 10609

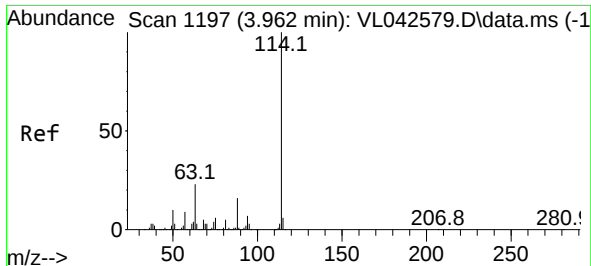
Tgt Ion: 49 Resp: 103012
 Ion Ratio Lower Upper
 49 100
 128 44.8 24.2 72.6
 130 59.4 30.4 91.2



#20
 Methylene Chloride
 Concen: 0.189 ppbv
 RT: 2.068 min Scan# 612
 Delta R.T. 0.006 min
 Lab File: VL042597.D
 Acq: 29 May 2025 21:44

Tgt Ion: 84 Resp: 774
 Ion Ratio Lower Upper
 84 100
 49 125.9 128.8 193.2#
 51 66.9 38.6 57.8#
 86 57.9 52.5 78.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL042597.D

Acq: 29 May 2025 21:44

Instrument :

MSVOA_1

ClientSampleId :

QC052725 CAN 10609

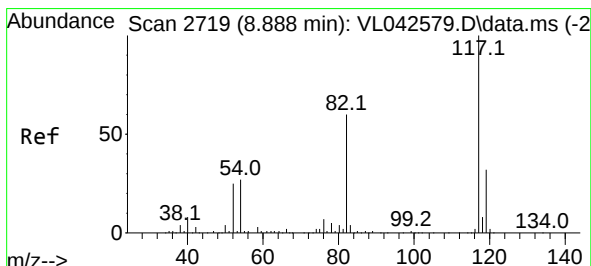
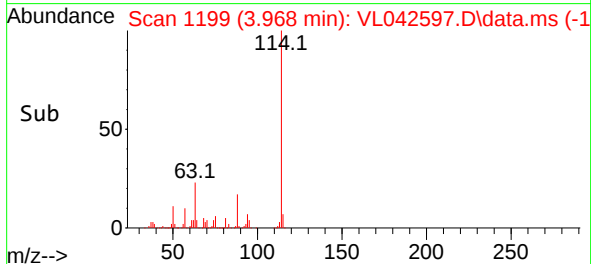
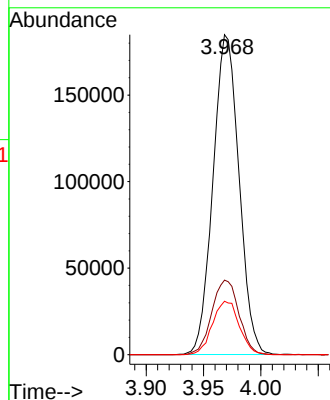
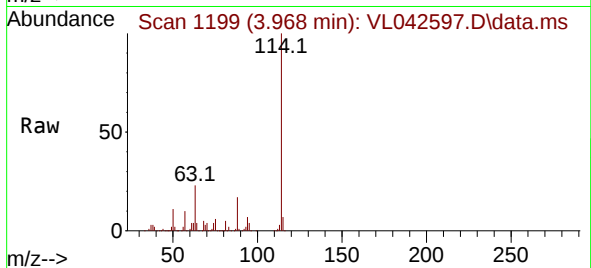
Tgt Ion:114 Resp: 291229

Ion Ratio Lower Upper

114 100

63 24.4 19.0 28.6

88 17.3 13.6 20.4



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 2721

Delta R.T. 0.006 min

Lab File: VL042597.D

Acq: 29 May 2025 21:44

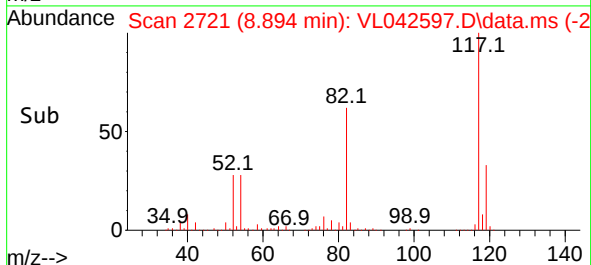
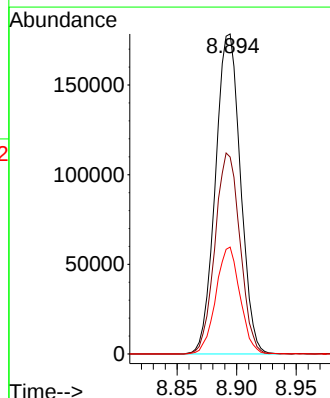
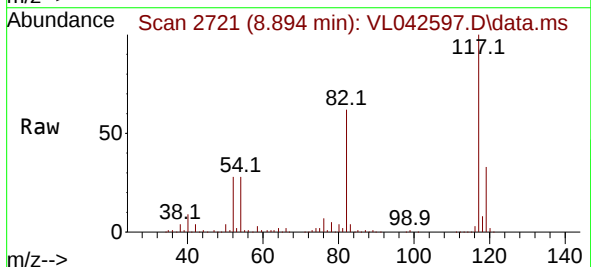
Tgt Ion:117 Resp: 260705

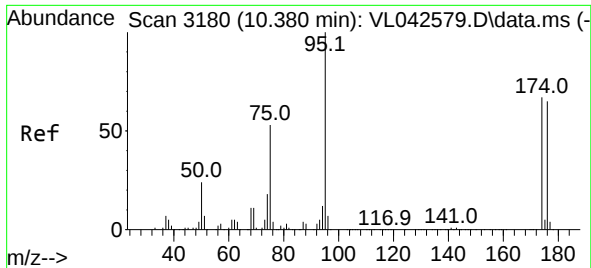
Ion Ratio Lower Upper

117 100

82 62.8 51.2 76.8

119 32.4 26.3 39.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.895 ppbv
 RT: 10.386 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VL042597.D
 Acq: 29 May 2025 21:44

Instrument :
 MSVOA_L
 ClientSampleId :
 QC052725 CAN 10609

Tgt Ion: 95 Resp: 193381
 Ion Ratio Lower Upper
 95 100
 174 64.5 53.1 79.7
 175 5.1 4.2 6.2

