

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042309.D
 Acq On : 10 Apr 2025 15:23
 Operator : SY/MD
 Sample : CAN10197
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN10197

Quant Time: Apr 11 01:59:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	166549	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	388803	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	327264	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.374	95	247191	9.198	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.000%

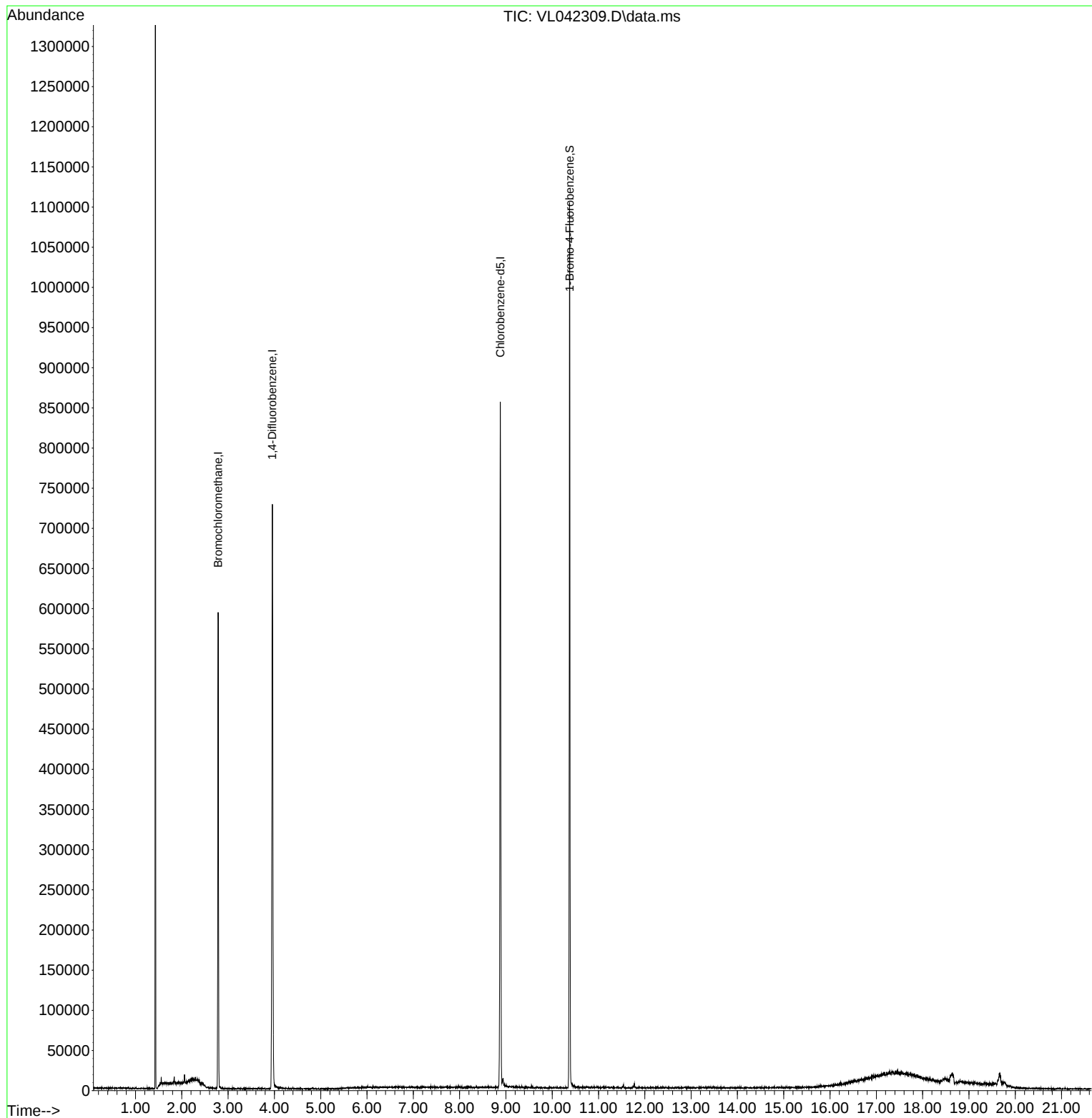
Target Compounds	Qvalue

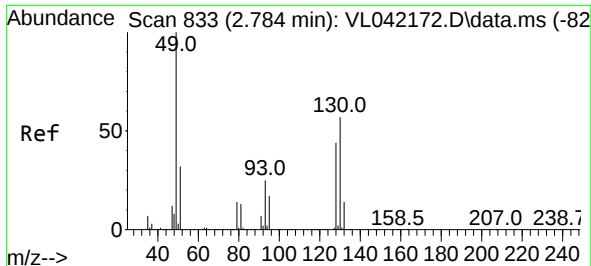
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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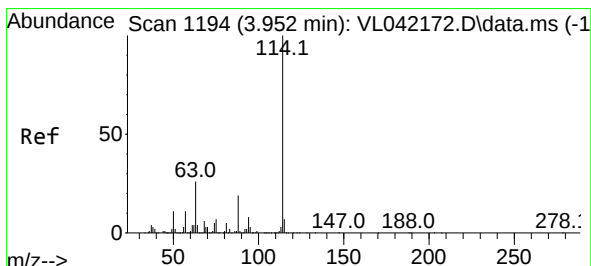
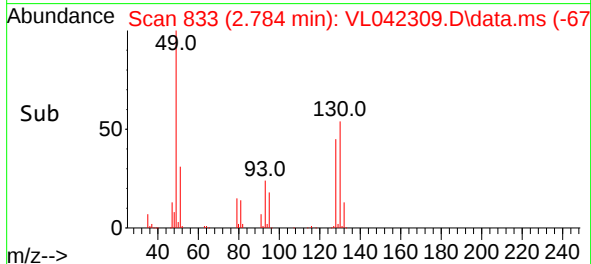
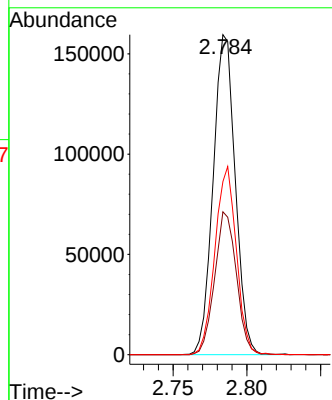
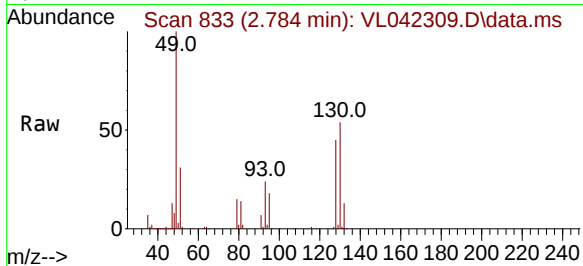




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042309.D
Acq: 10 Apr 2025 15:23

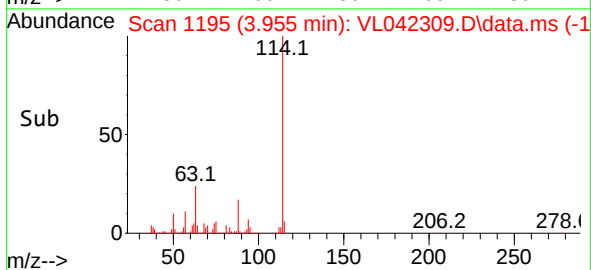
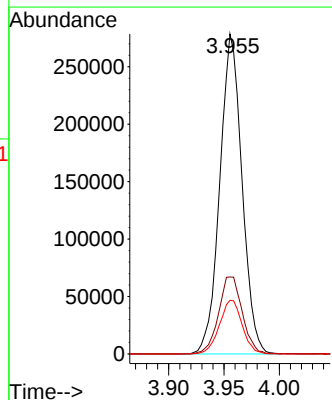
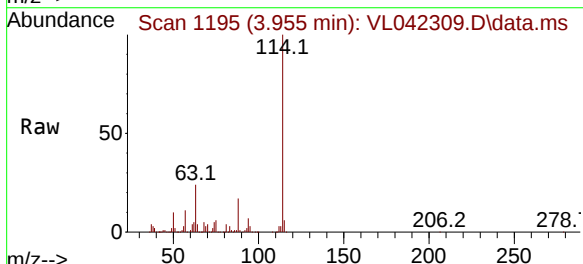
Instrument :
MSVOA_L
ClientSampleId :
CAN10197

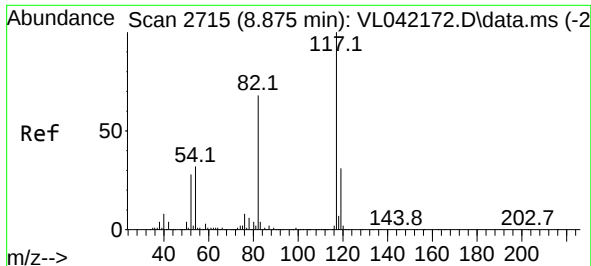
Tgt Ion: 49 Resp: 166549
Ion Ratio Lower Upper
49 100
128 43.9 22.9 68.5
130 57.0 28.8 86.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. 0.003 min
Lab File: VL042309.D
Acq: 10 Apr 2025 15:23

Tgt Ion: 114 Resp: 388803
Ion Ratio Lower Upper
114 100
63 25.9 20.7 31.1
88 17.2 15.0 22.4

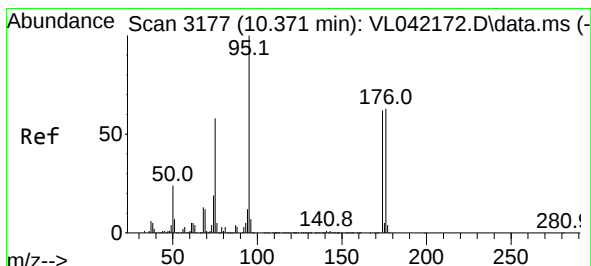
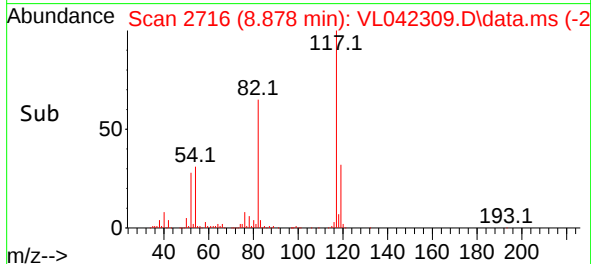
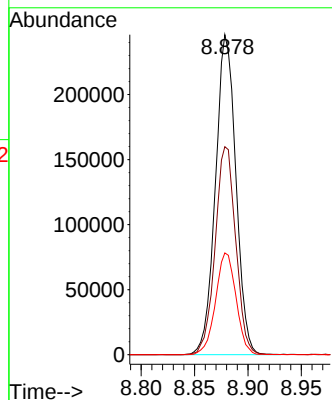
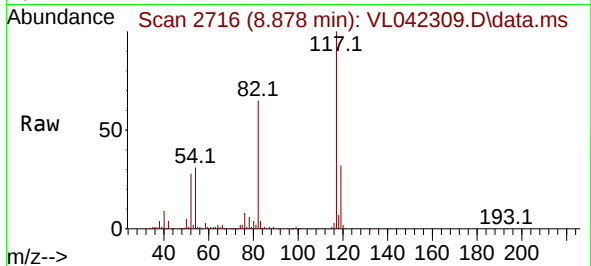




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042309.D
Acq: 10 Apr 2025 15:23

Instrument :
MSVOA_L
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Tgt Ion: 117 Resp: 327264
Ion Ratio Lower Upper
117 100
82 65.6 55.8 83.6
119 32.0 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.198 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.003 min
Lab File: VL042309.D
Acq: 10 Apr 2025 15:23

Tgt Ion: 95 Resp: 247191
Ion Ratio Lower Upper
95 100
174 62.2 50.6 76.0
175 4.9 3.8 5.6

