

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042308.D
 Acq On : 10 Apr 2025 14:51
 Operator : SY/MD
 Sample : QC040825 CAN 10445
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040825 CAN 10445

Quant Time: Apr 11 01:59:12 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	169533	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	400917	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	344890	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	257971	9.108	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.100%

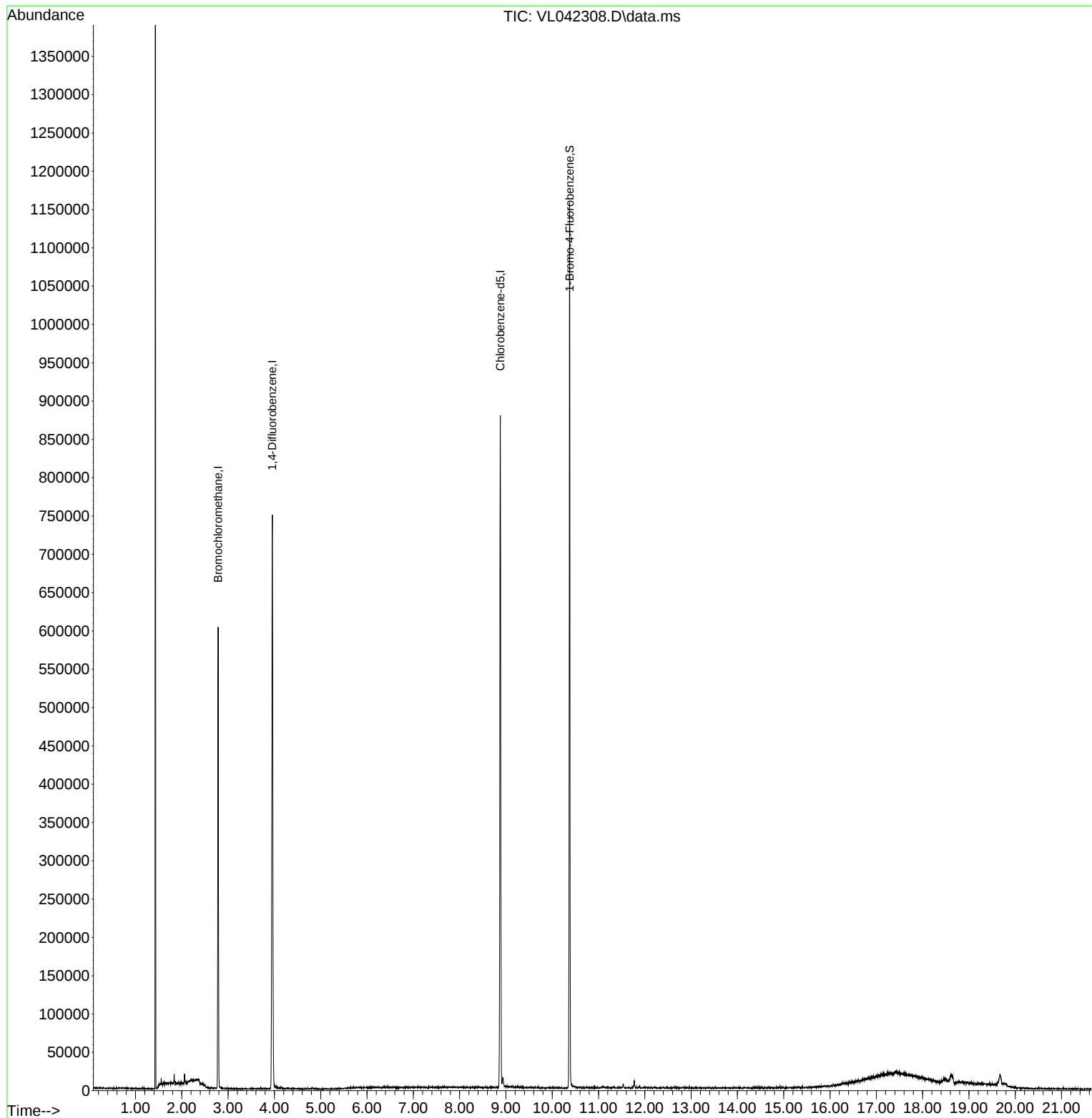
Target Compounds	Qvalue

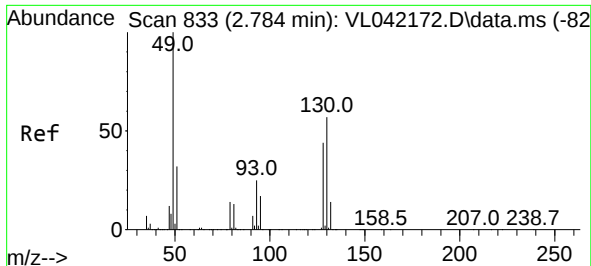
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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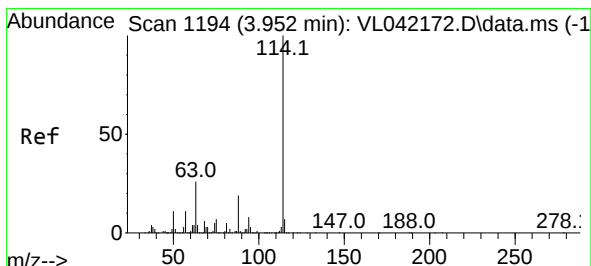
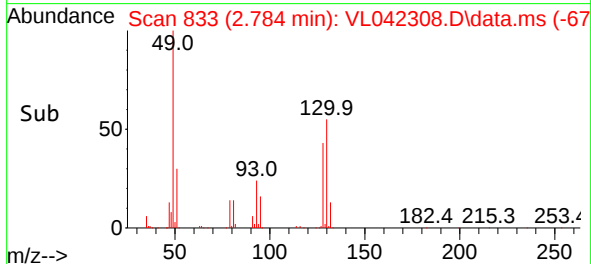
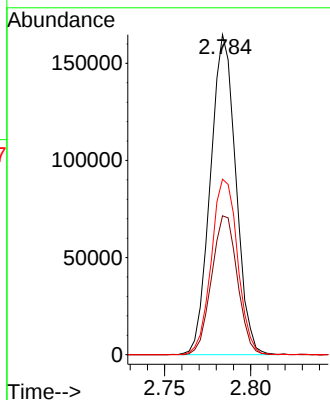
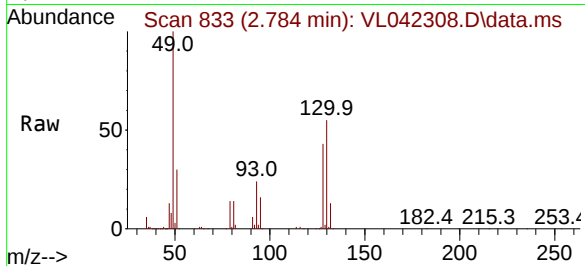




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL042308.D
 Acq: 10 Apr 2025 14:51

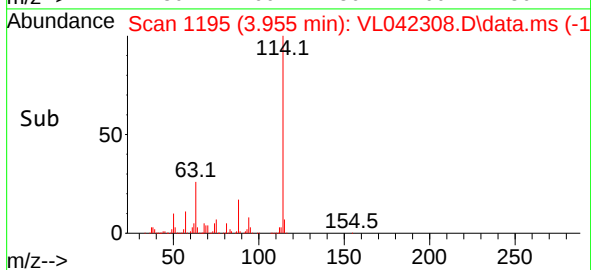
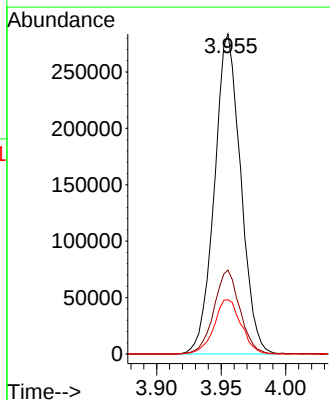
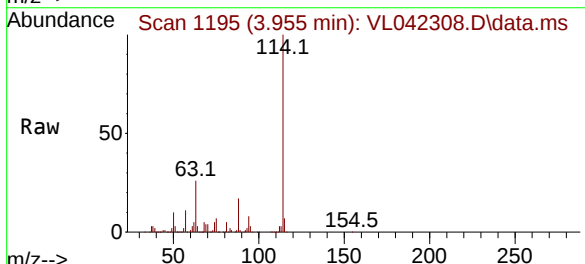
Instrument :
 MSVOA_L
 ClientSampleId :
 QC040825 CAN 10445

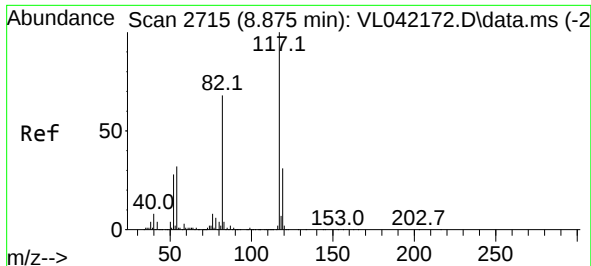
Tgt Ion: 49 Resp: 169533
 Ion Ratio Lower Upper
 49 100
 128 44.1 22.9 68.5
 130 56.7 28.8 86.4



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.955 min Scan# 1195
 Delta R.T. 0.003 min
 Lab File: VL042308.D
 Acq: 10 Apr 2025 14:51

Tgt Ion: 114 Resp: 400917
 Ion Ratio Lower Upper
 114 100
 63 26.0 20.7 31.1
 88 17.5 15.0 22.4

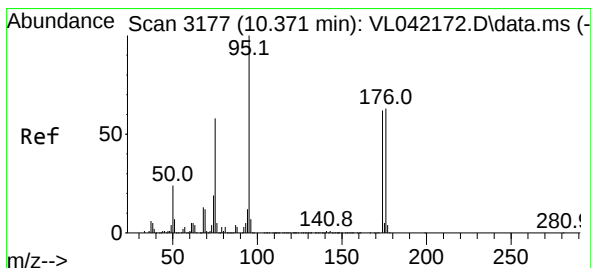
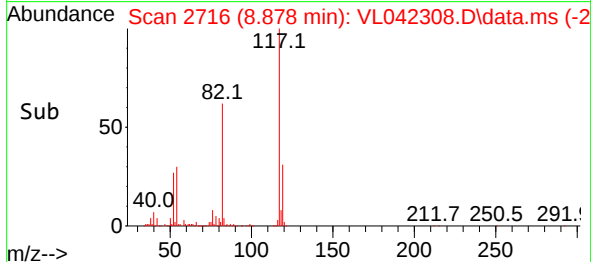
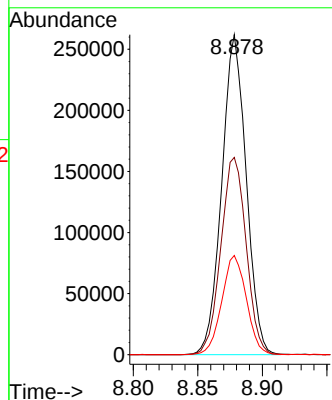
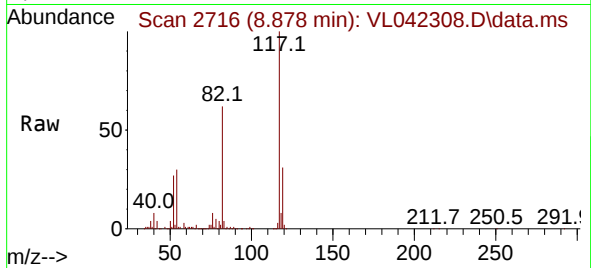




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Instrument :
MSVOA_L
ClientSampleId :
QC040825 CAN 10445

Tgt Ion:117 Resp: 344890
Ion Ratio Lower Upper
117 100
82 63.9 55.8 83.6
119 31.3 25.5 38.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.108 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. 0.003 min
Lab File: VL042308.D
Acq: 10 Apr 2025 14:51

Tgt Ion: 95 Resp: 257971
Ion Ratio Lower Upper
95 100
174 62.7 50.6 76.0
175 4.5 3.8 5.6

