

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042313.D
 Acq On : 11 Apr 2025 10:36
 Operator : SY/MD
 Sample : VL0411ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0411ABL01

Quant Time: Apr 11 22:57:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.790	49	180225	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	445487	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	373548	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	277731	9.054	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.500%

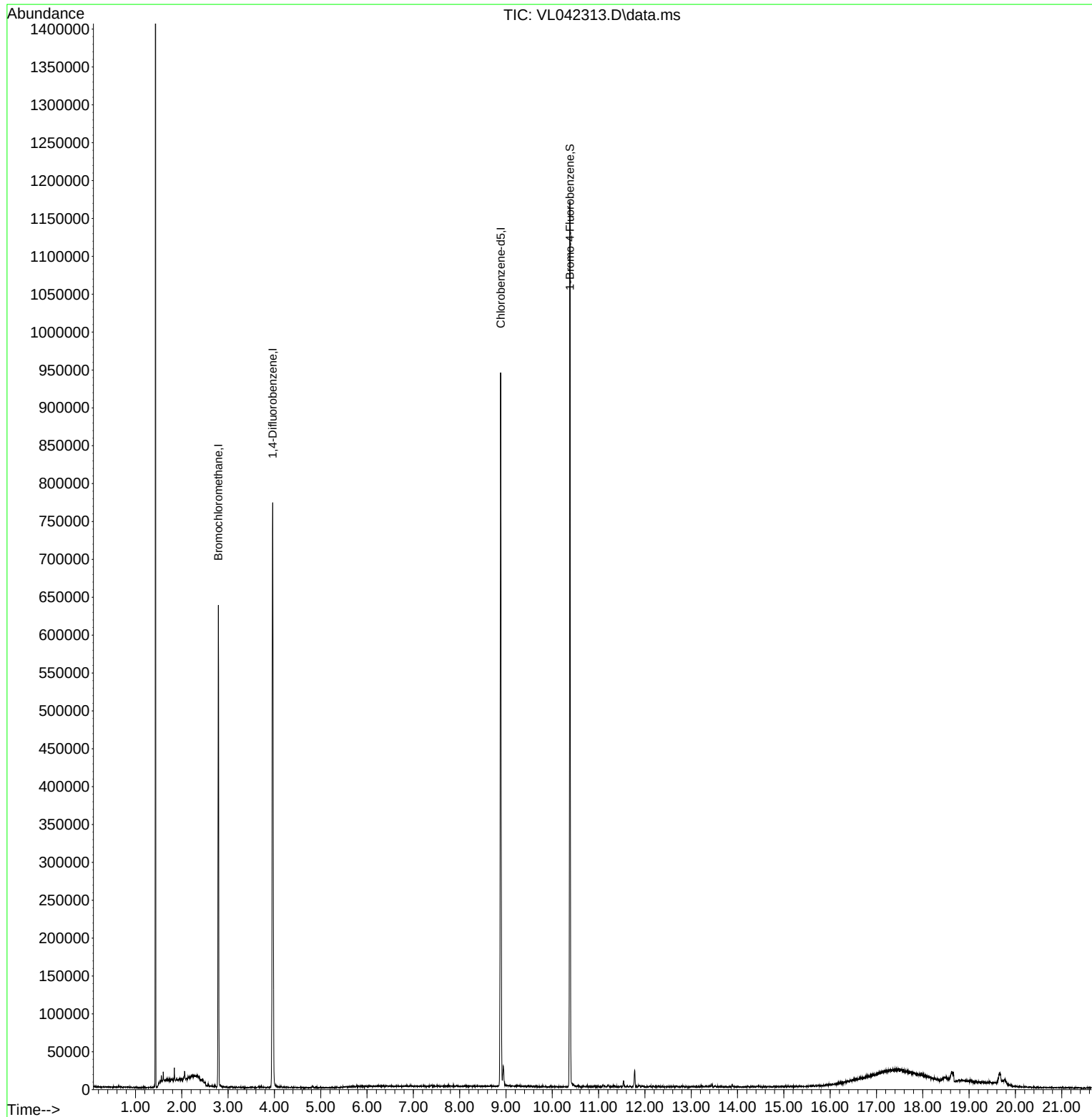
Target Compounds	Qvalue

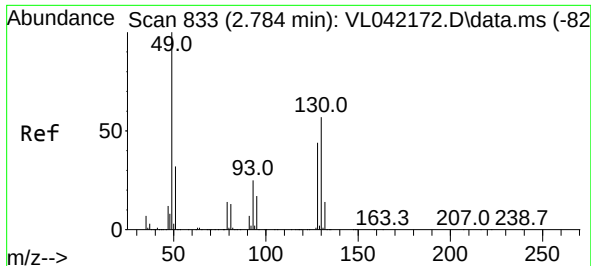
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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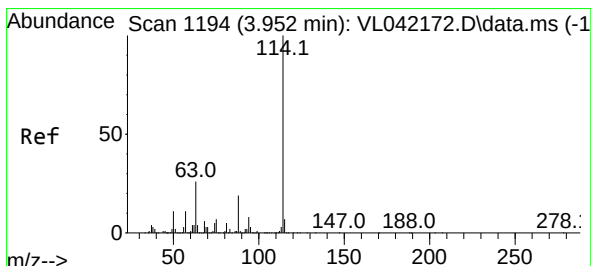
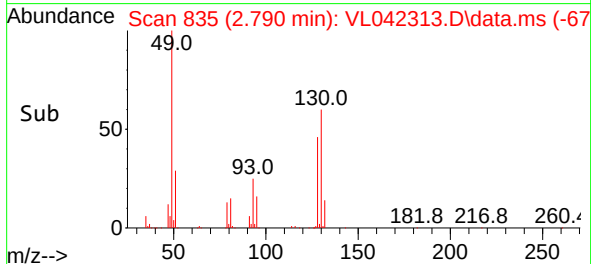
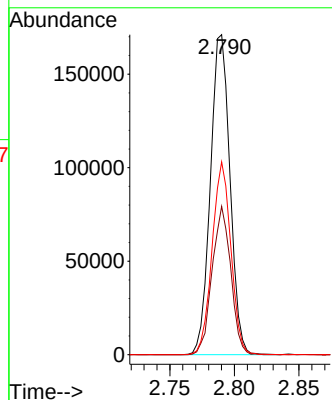
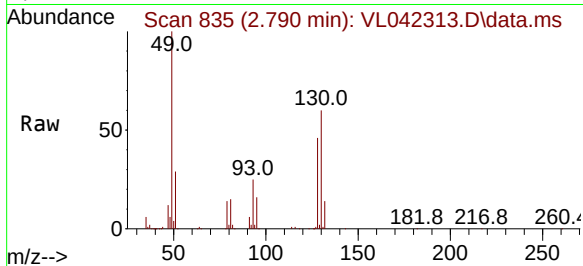




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL042313.D
 Acq: 11 Apr 2025 10:36

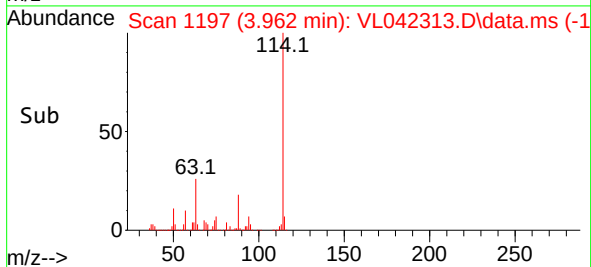
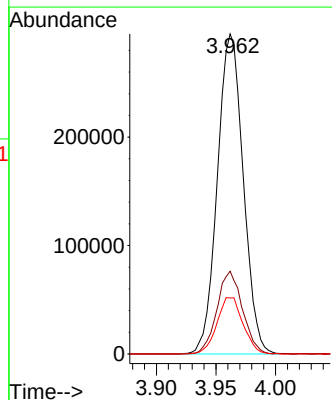
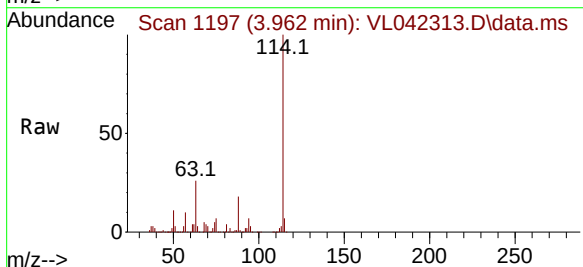
Instrument :
 MSVOA_L
 ClientSampleId :
 VL04111ABL01

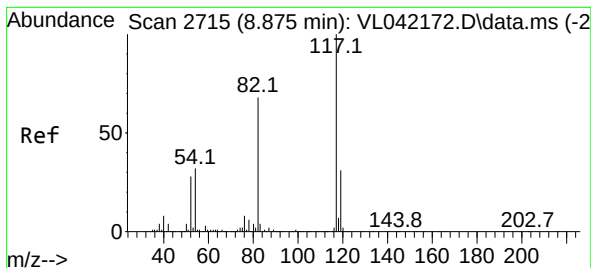
Tgt Ion: 49 Resp: 180225
 Ion Ratio Lower Upper
 49 100
 128 44.2 22.9 68.5
 130 57.8 28.8 86.4



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.009 min
 Lab File: VL042313.D
 Acq: 11 Apr 2025 10:36

Tgt Ion: 114 Resp: 445487
 Ion Ratio Lower Upper
 114 100
 63 25.6 20.7 31.1
 88 17.8 15.0 22.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL042313.D

Acq: 11 Apr 2025 10:36

Instrument :

MSVOA_L

ClientSampleId :

VL0411ABL01

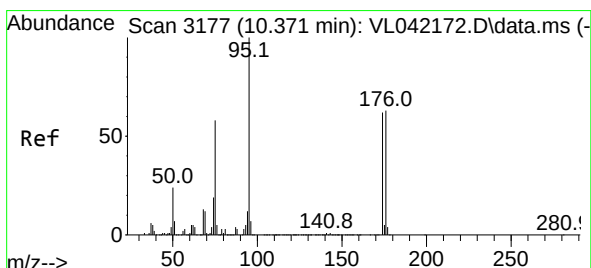
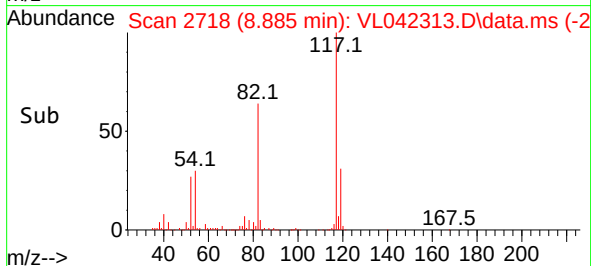
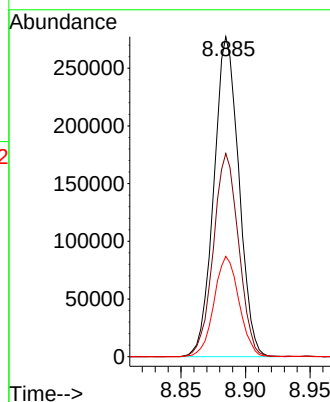
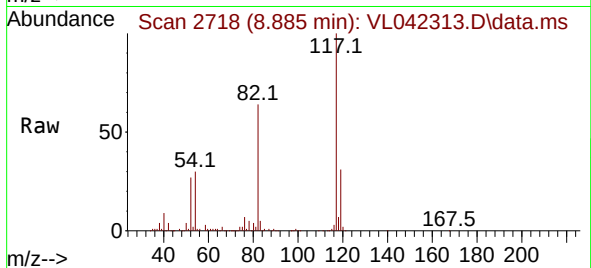
Tgt Ion:117 Resp: 373548

Ion Ratio Lower Upper

117 100

82 64.2 55.8 83.6

119 31.6 25.5 38.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.054 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.009 min

Lab File: VL042313.D

Acq: 11 Apr 2025 10:36

Tgt Ion: 95 Resp: 277731

Ion Ratio Lower Upper

95 100

174 63.3 50.6 76.0

175 4.9 3.8 5.6

