

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042357.D
 Acq On : 17 Apr 2025 14:23
 Operator : SY/MD
 Sample : VL0417ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0417ABL01

Quant Time: Apr 18 02:36:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	113566	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	328716	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	297633	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	247968	10.139	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

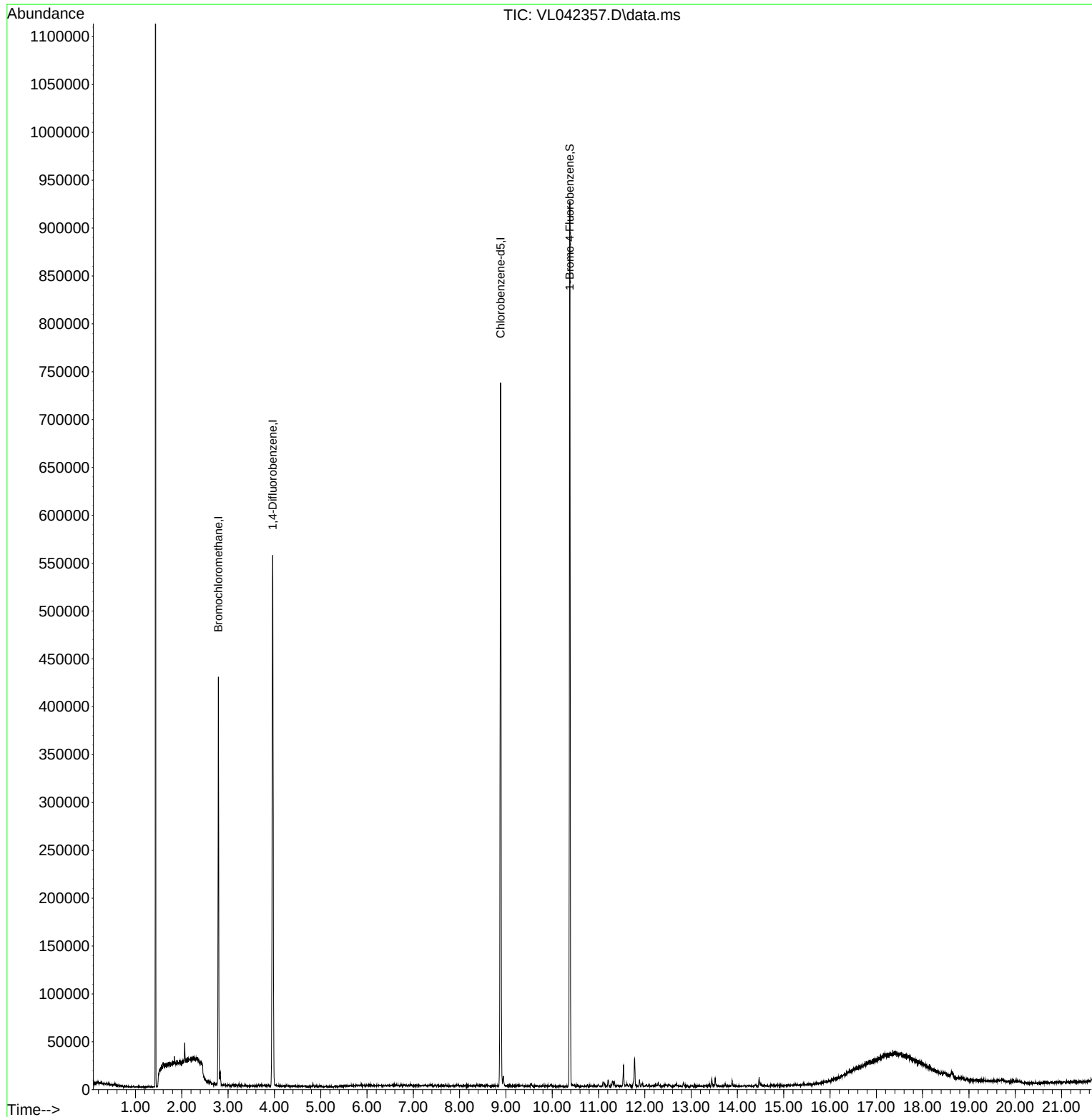
Target Compounds	Qvalue

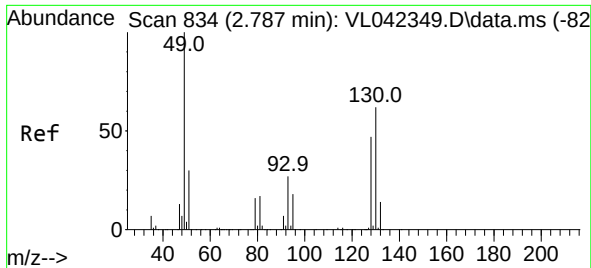
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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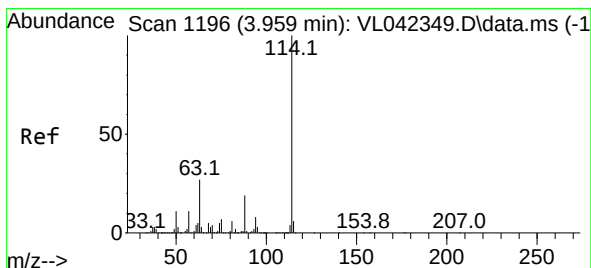
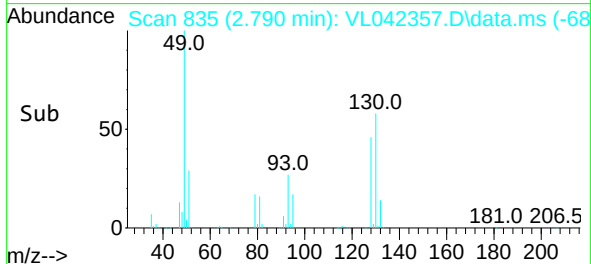
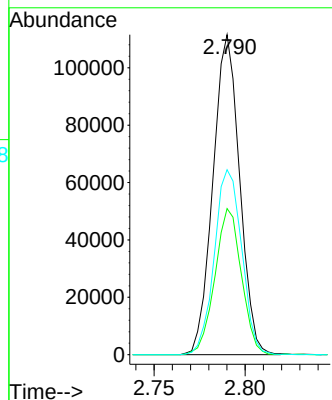
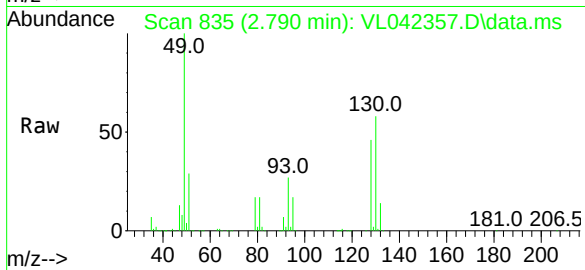




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042357.D
Acq: 17 Apr 2025 14:23

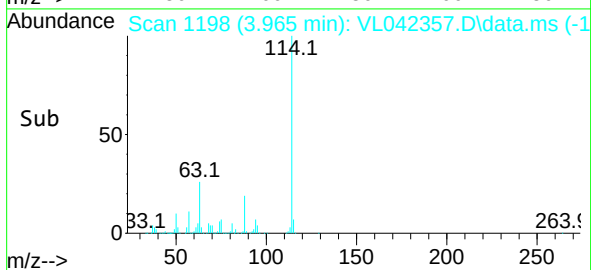
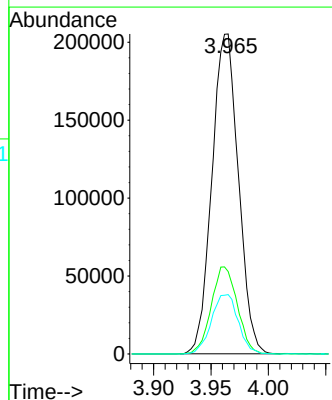
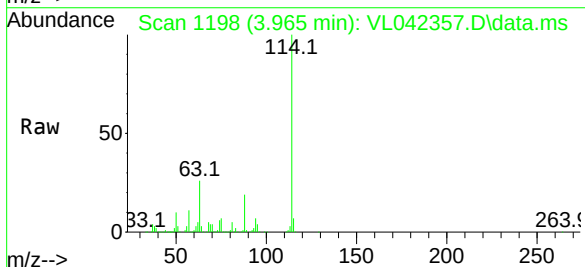
Instrument :
MSVOA_L
ClientSampleId :
VL0417ABL01

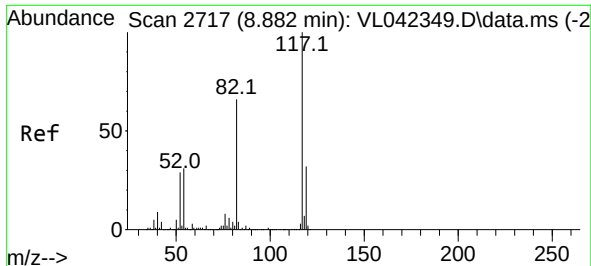
Tgt Ion: 49 Resp: 113566
Ion Ratio Lower Upper
49 100
128 45.4 22.8 68.4
130 59.4 29.3 88.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.006 min
Lab File: VL042357.D
Acq: 17 Apr 2025 14:23

Tgt Ion: 114 Resp: 328716
Ion Ratio Lower Upper
114 100
63 27.0 21.8 32.6
88 18.9 15.5 23.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL042357.D

Acq: 17 Apr 2025 14:23

Instrument :

MSVOA_1

ClientSampleId :

VL0417ABL01

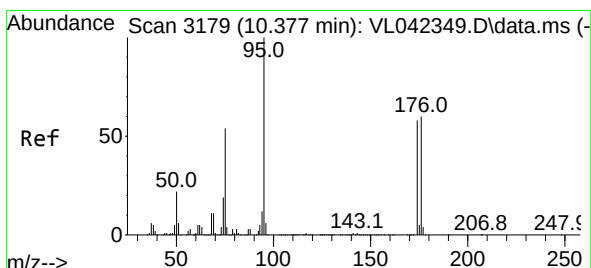
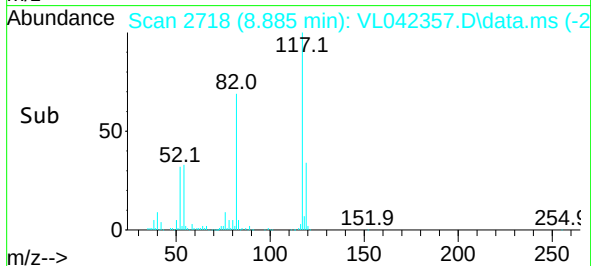
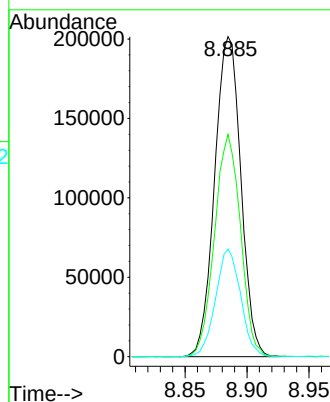
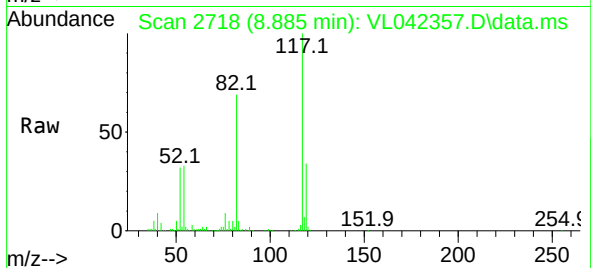
Tgt Ion:117 Resp: 297633

Ion Ratio Lower Upper

117 100

82 68.6 57.8 86.6

119 32.2 25.2 37.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.139 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.003 min

Lab File: VL042357.D

Acq: 17 Apr 2025 14:23

Tgt Ion: 95 Resp: 247968

Ion Ratio Lower Upper

95 100

174 58.2 48.5 72.7

175 4.5 3.7 5.5

