

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042417.D
 Acq On : 28 Apr 2025 09:27
 Operator : SY/MD
 Sample : VL0428ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0428ABL01

Quant Time: Apr 29 01:32:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.777	49	121027	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	346921	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.868	117	302157	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.367	95	259490	10.451	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%

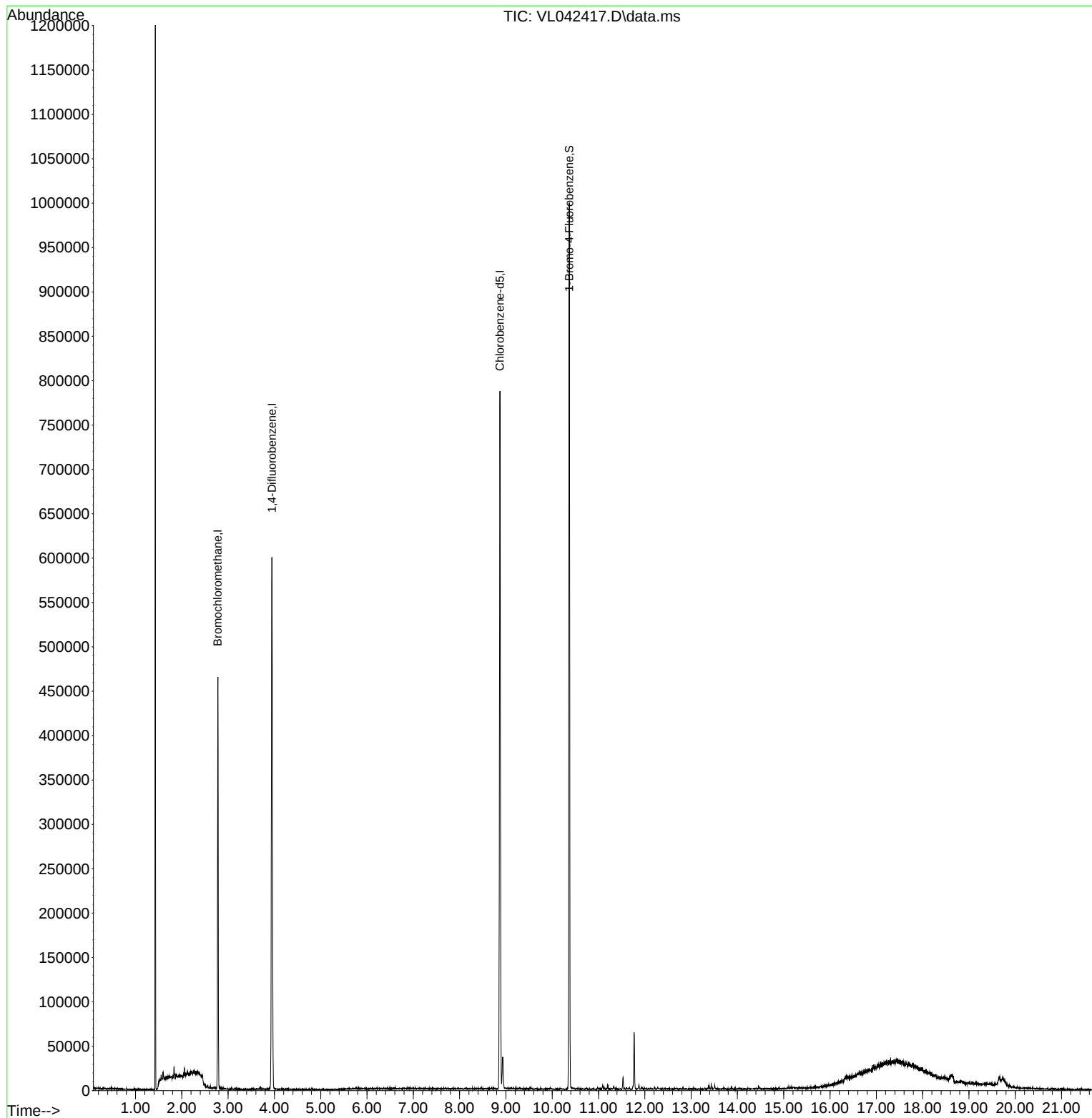
Target Compounds	Qvalue

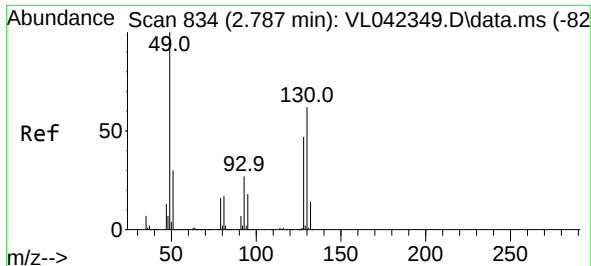
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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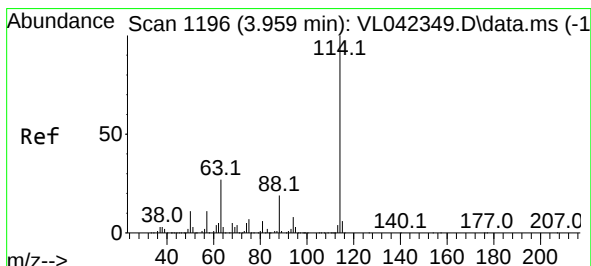
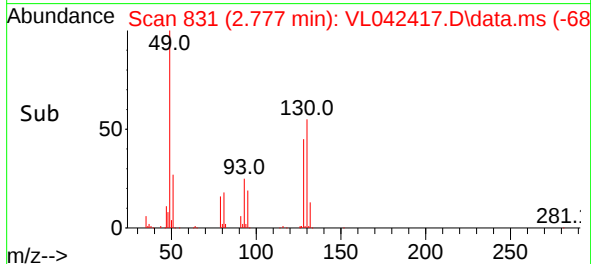
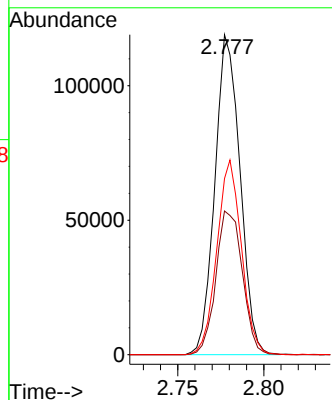
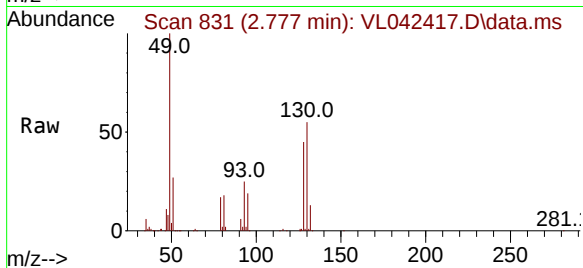




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL042417.D
Acq: 28 Apr 2025 09:27

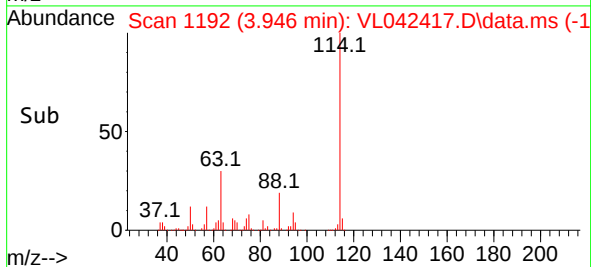
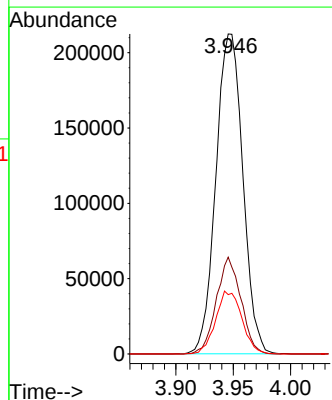
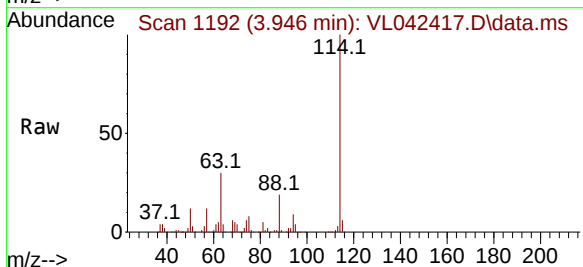
Instrument :
MSVOA_L
ClientSampleId :
VL0428ABL01

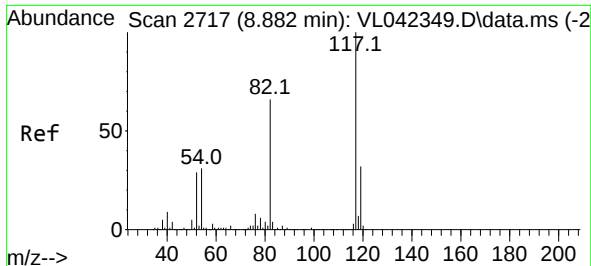
Tgt Ion: 49 Resp: 121027
Ion Ratio Lower Upper
49 100
128 47.3 22.8 68.4
130 59.4 29.3 88.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1192
Delta R.T. -0.013 min
Lab File: VL042417.D
Acq: 28 Apr 2025 09:27

Tgt Ion: 114 Resp: 346921
Ion Ratio Lower Upper
114 100
63 27.6 21.8 32.6
88 19.1 15.5 23.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.868 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL042417.D

Acq: 28 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

VL0428ABL01

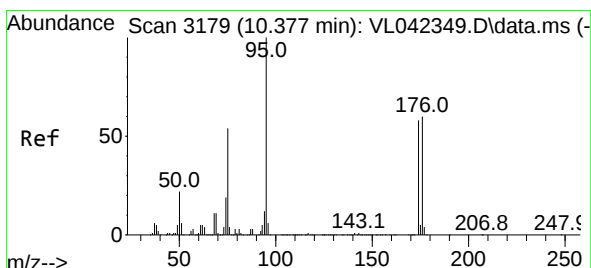
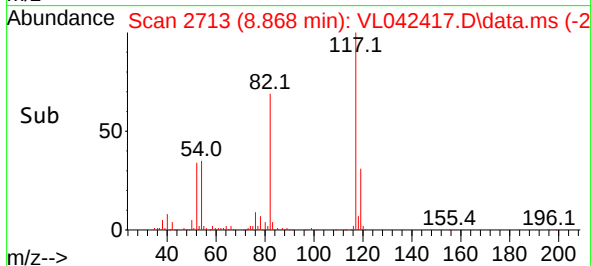
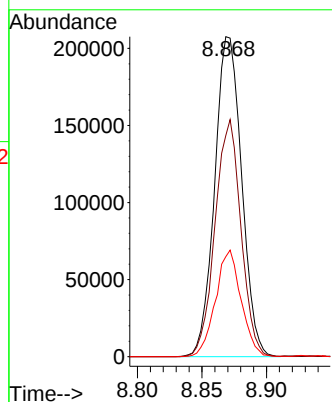
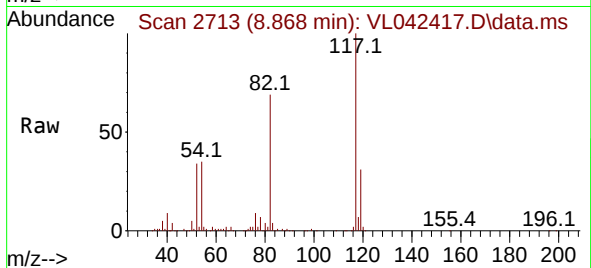
Tgt Ion:117 Resp: 302157

Ion Ratio Lower Upper

117 100

82 71.0 57.8 86.6

119 31.7 25.2 37.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.451 ppbv

RT: 10.367 min Scan# 3176

Delta R.T. -0.010 min

Lab File: VL042417.D

Acq: 28 Apr 2025 09:27

Tgt Ion: 95 Resp: 259490

Ion Ratio Lower Upper

95 100

174 53.3 48.5 72.7

175 4.0 3.7 5.5

