

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042485.D
 Acq On : 05 May 2025 20:26
 Operator : SY/MD
 Sample : QC042825 CAN 10492
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042825 CAN 10492

Quant Time: May 06 01:46:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	62446	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	169909	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	147043	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	133429	9.787	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

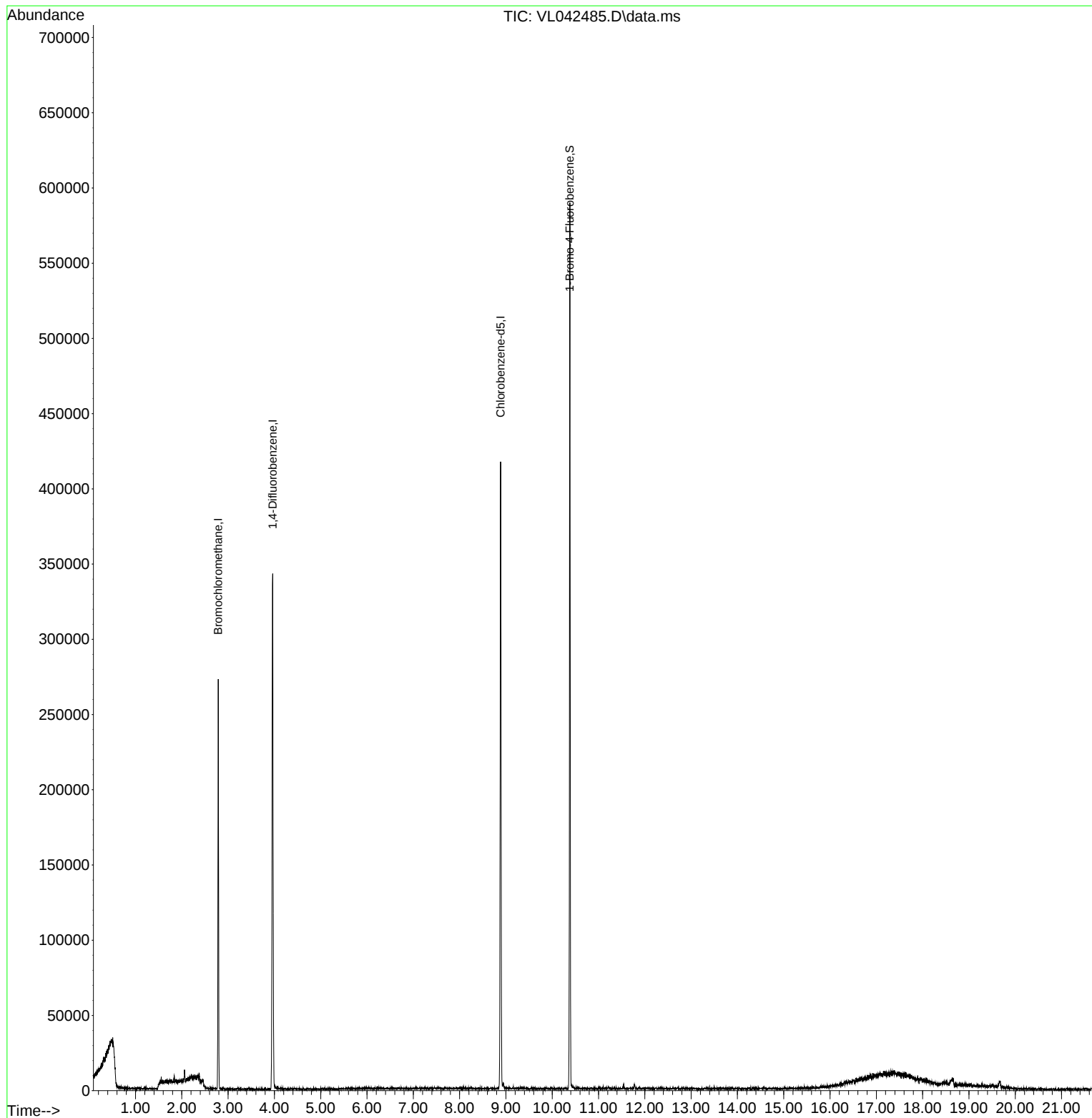
Target Compounds	Qvalue

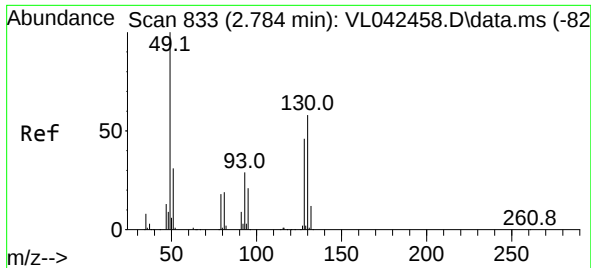
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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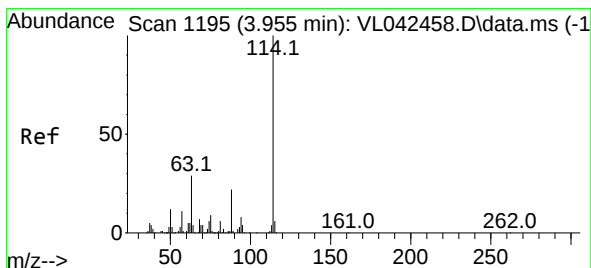
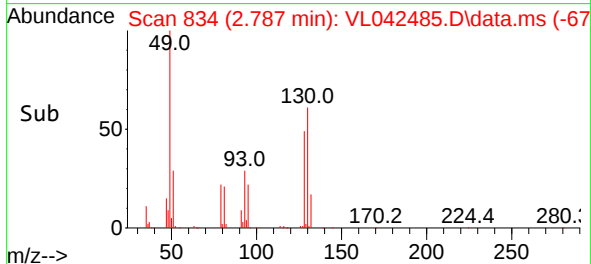
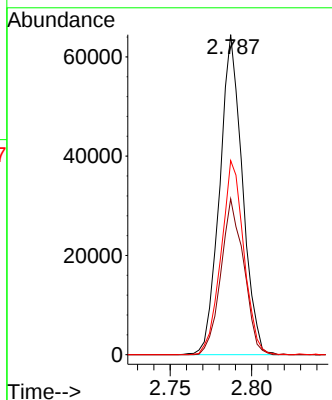
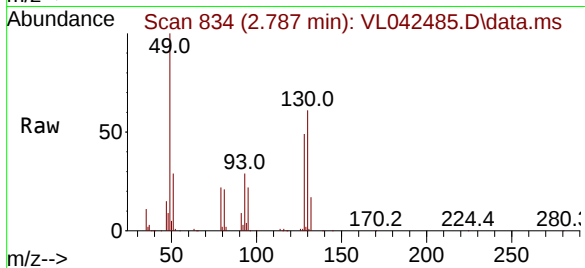




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL042485.D
 Acq: 05 May 2025 20:26

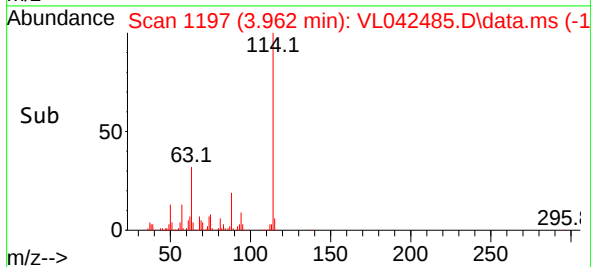
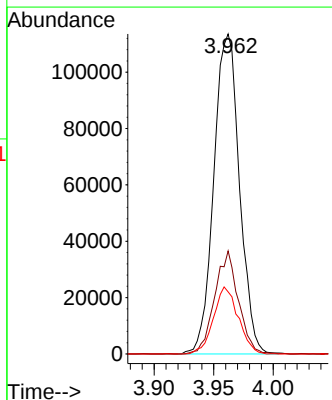
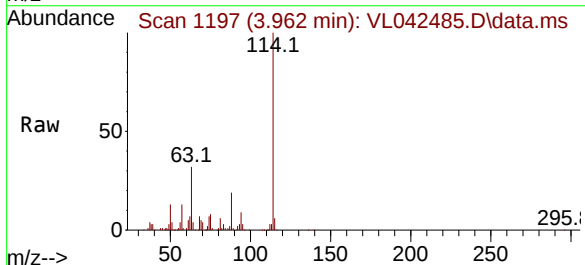
Instrument :
 MSVOA_L
 ClientSampleId :
 QC042825 CAN 10492

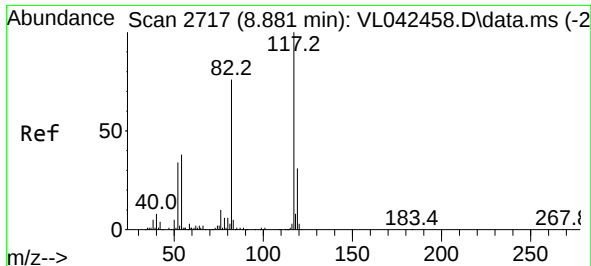
Tgt Ion: 49 Resp: 62446
 Ion Ratio Lower Upper
 49 100
 128 48.8 23.3 69.9
 130 60.8 29.5 88.6



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.007 min
 Lab File: VL042485.D
 Acq: 05 May 2025 20:26

Tgt Ion: 114 Resp: 169909
 Ion Ratio Lower Upper
 114 100
 63 29.8 23.1 34.7
 88 20.2 16.1 24.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL042485.D

Acq: 05 May 2025 20:26

Instrument :

MSVOA_1

ClientSampleId :

QC042825 CAN 10492

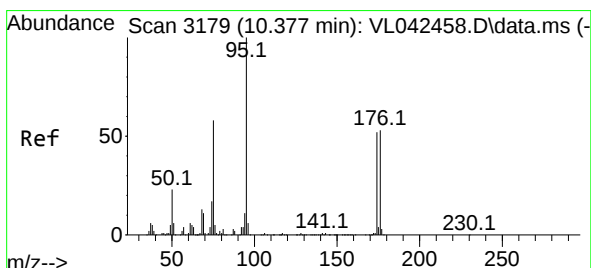
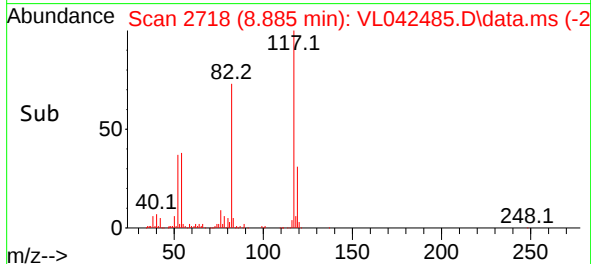
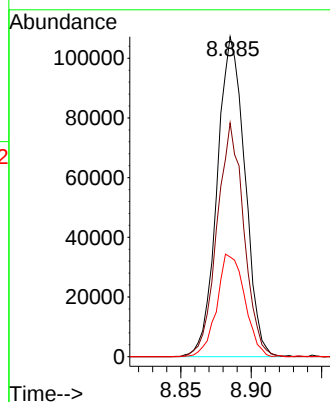
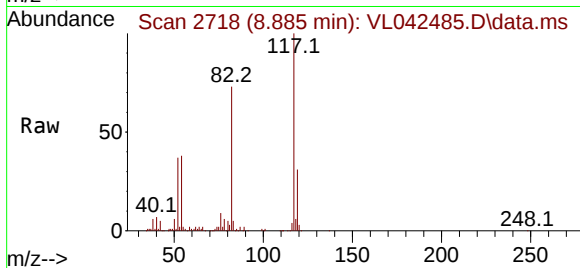
Tgt Ion:117 Resp: 147043

Ion Ratio Lower Upper

117 100

82 70.8 63.5 95.3

119 32.4 25.8 38.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.787 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.003 min

Lab File: VL042485.D

Acq: 05 May 2025 20:26

Tgt Ion: 95 Resp: 133429

Ion Ratio Lower Upper

95 100

174 54.2 42.7 64.1

175 3.7 3.6 5.4

