

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042494.D
 Acq On : 06 May 2025 13:23
 Operator : SY/MD
 Sample : QC0429325 CAN 10458
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC0429325 CAN 10458

Quant Time: May 07 01:39:02 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	2.794	49	63633	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	167805	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.895	117	137886	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.387	95	128271	10.034	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

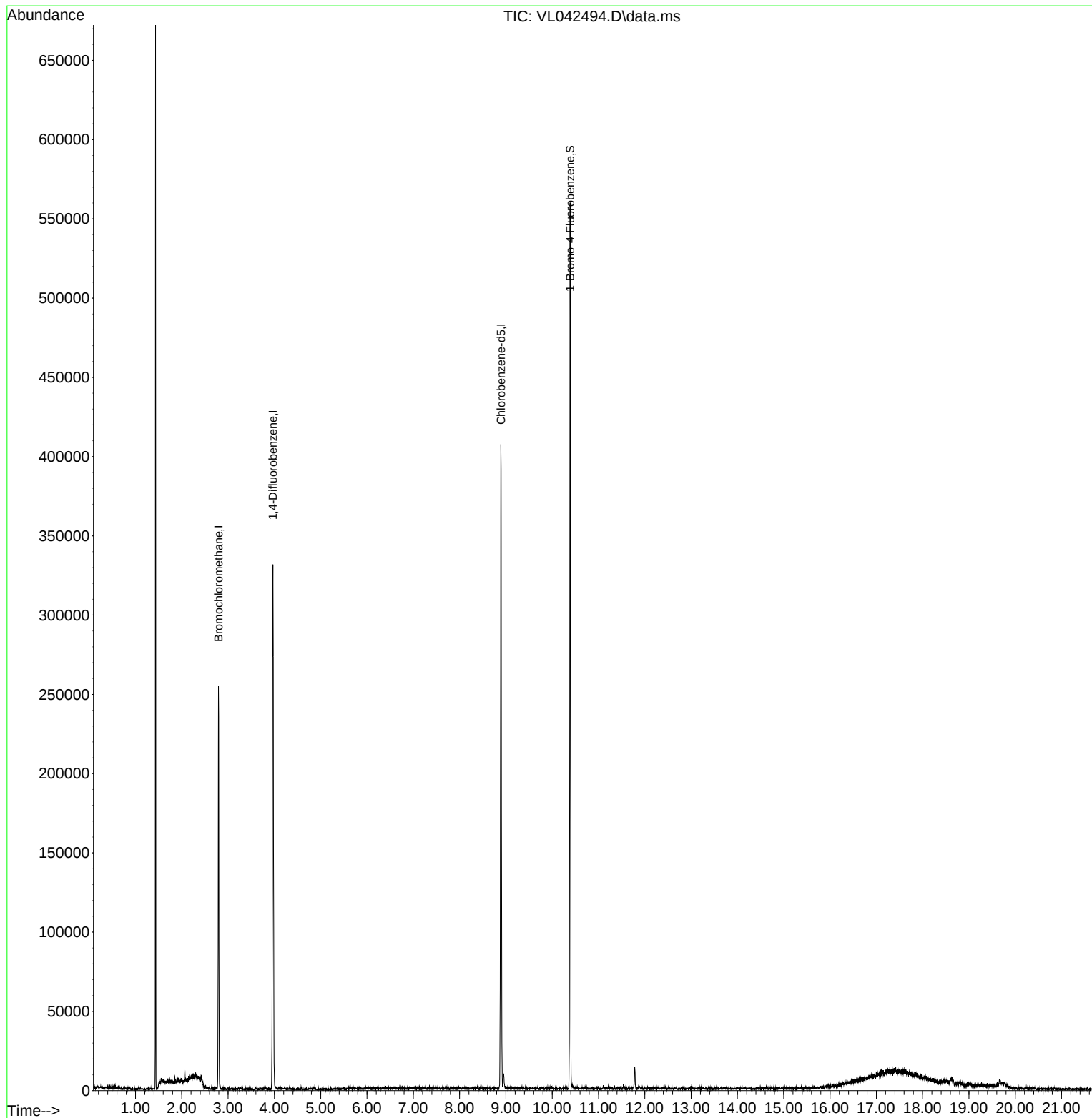
Target Compounds	Qvalue

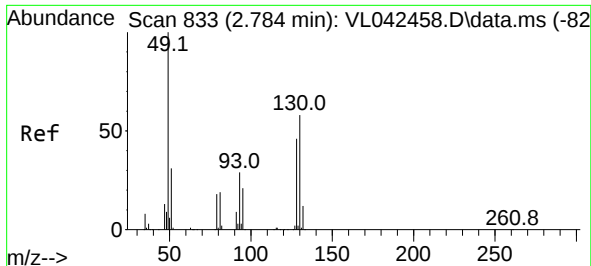
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
Data File : VL042494.D
Acq On : 06 May 2025 13:23
Operator : SY/MD
Sample : QC0429325 CAN 10458
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Quant Time: May 07 01:39:02 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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.794 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL042494.D

Acq: 06 May 2025 13:23

Instrument :

MSVOA_L

ClientSampleId :

QC0429325 CAN 10458

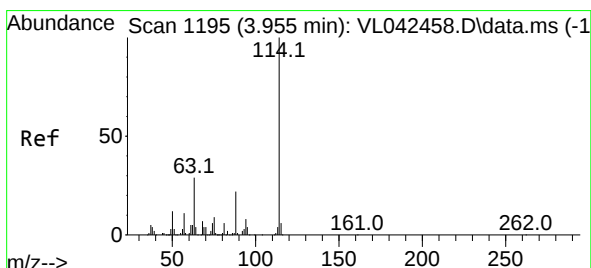
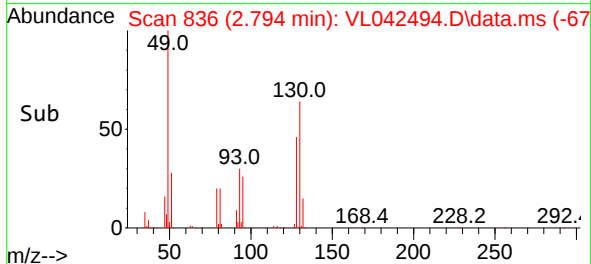
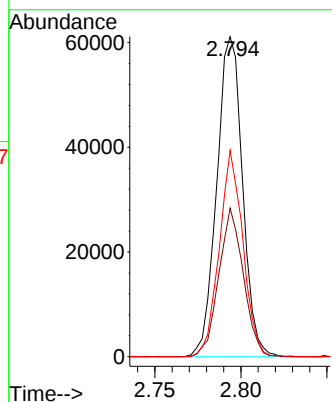
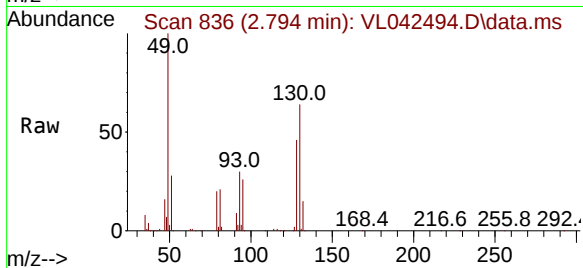
Tgt Ion: 49 Resp: 63633

Ion Ratio Lower Upper

49 100

128 44.4 23.3 69.9

130 59.2 29.5 88.6



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL042494.D

Acq: 06 May 2025 13:23

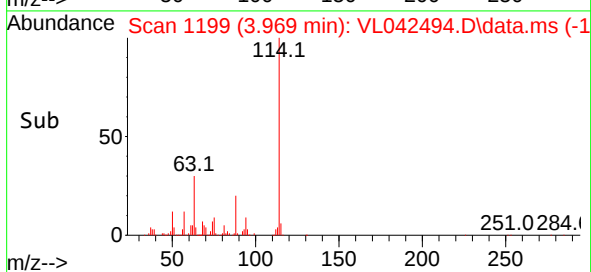
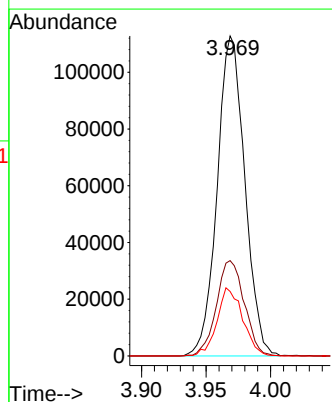
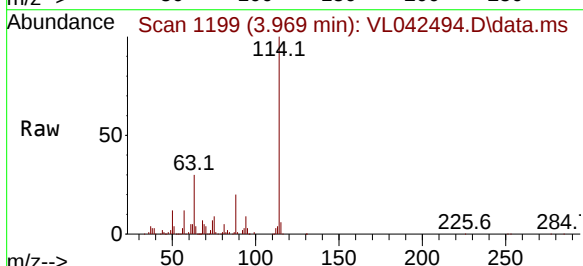
Tgt Ion: 114 Resp: 167805

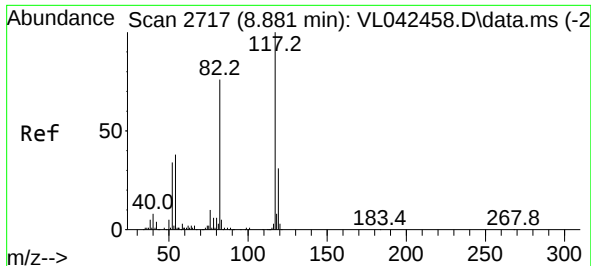
Ion Ratio Lower Upper

114 100

63 30.1 23.1 34.7

88 19.8 16.1 24.1

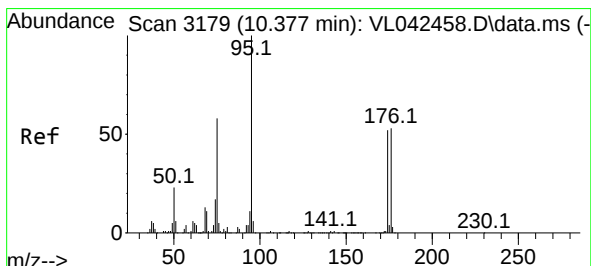
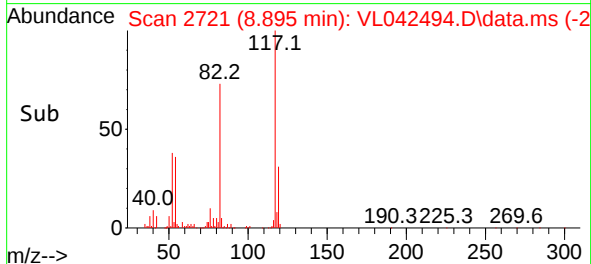
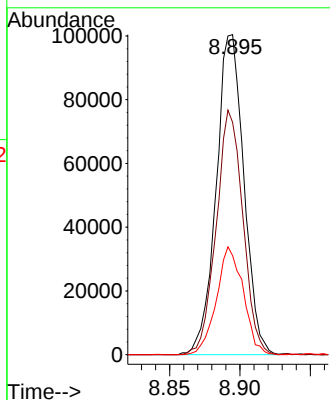
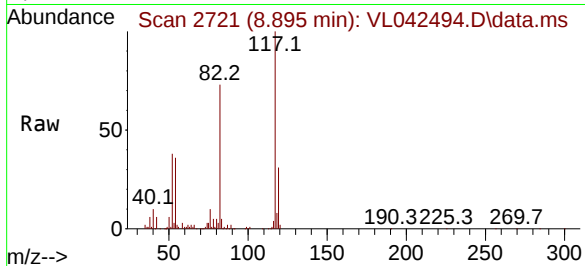




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion:117 Resp: 137886
Ion Ratio Lower Upper
117 100
82 73.5 63.5 95.3
119 32.6 25.8 38.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.034 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.010 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion: 95 Resp: 128271
Ion Ratio Lower Upper
95 100
174 54.3 42.7 64.1
175 3.8 3.6 5.4

