

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041966.D
 Acq On : 03 Feb 2025 16:02
 Operator : SY/MD
 Sample : QC012825 CAN 10439
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC012825 CAN 10439

Quant Time: Feb 04 02:38:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	146182	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	402503	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	341049	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	256800	9.560	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%

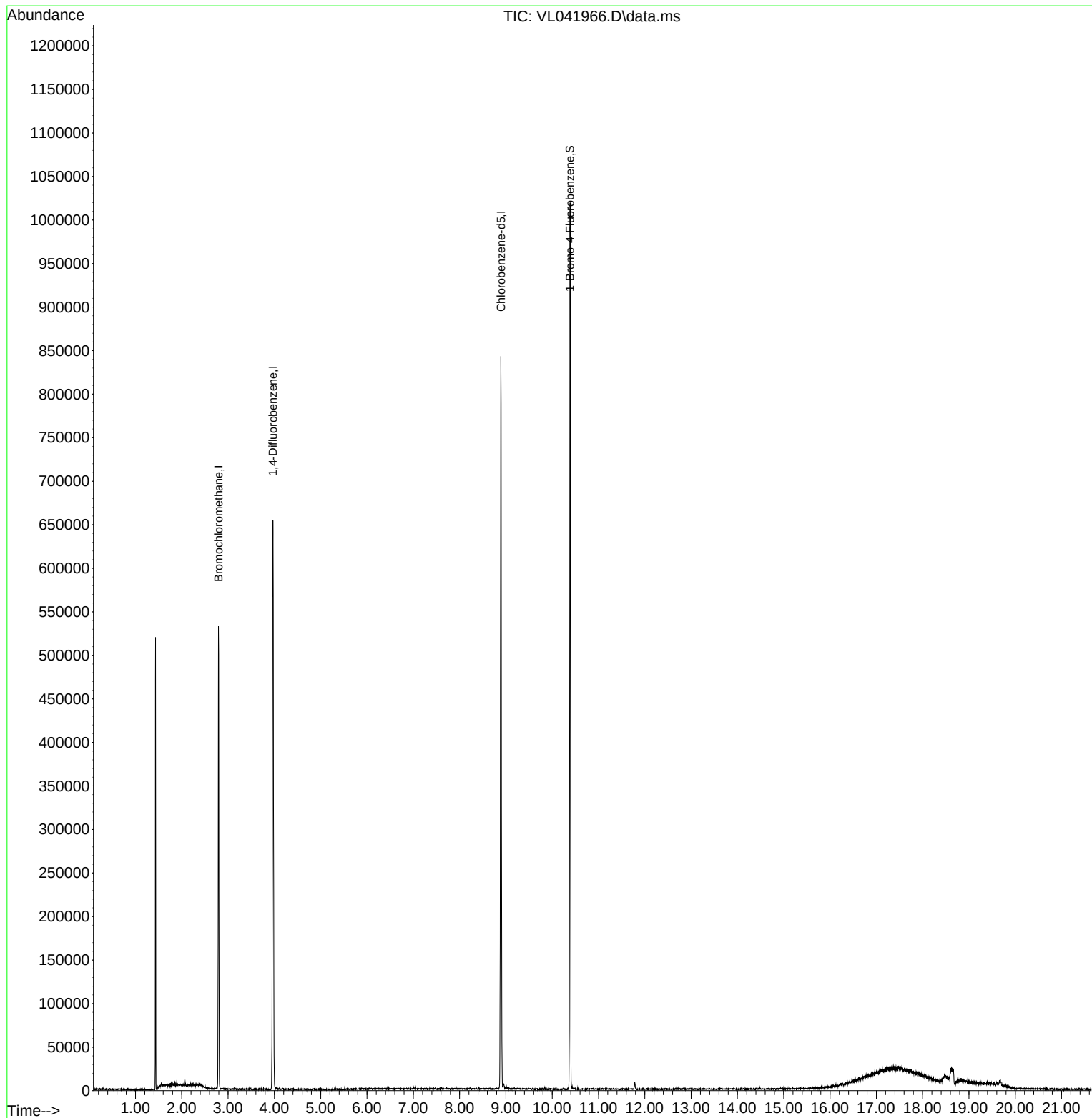
Target Compounds	Qvalue

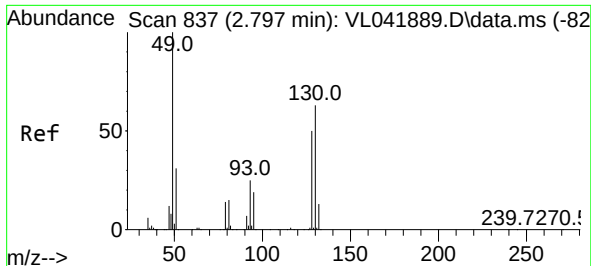
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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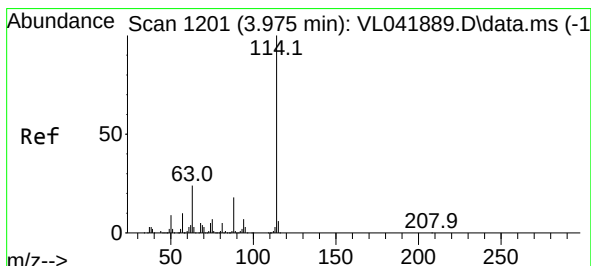
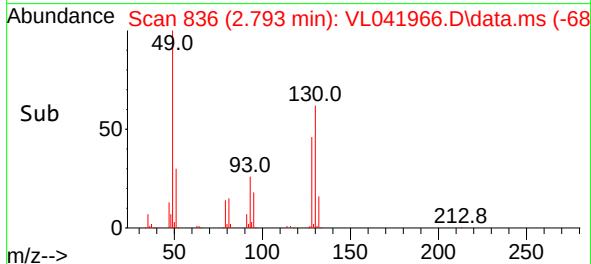
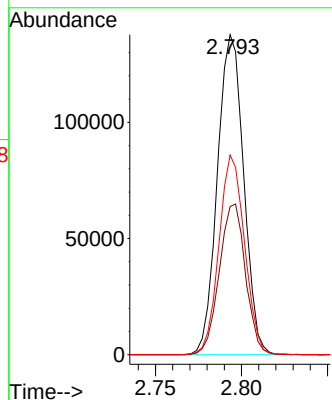
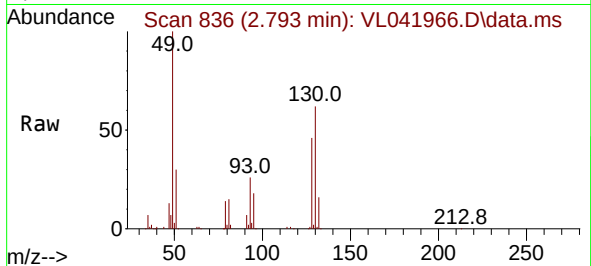




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

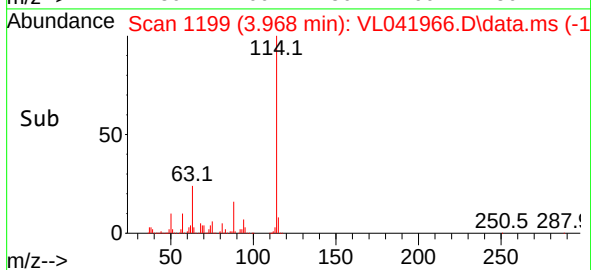
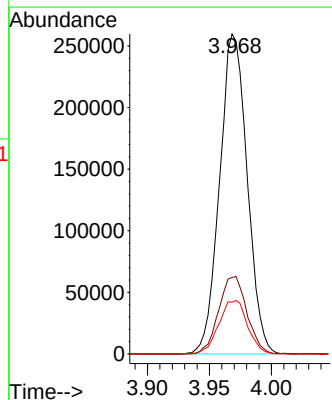
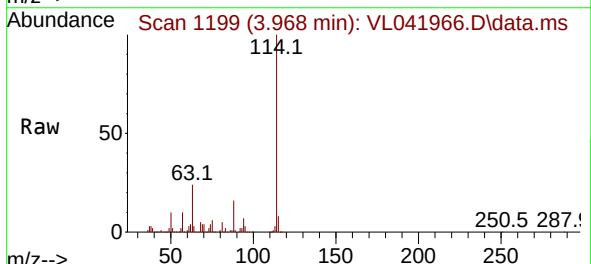
Instrument :
MSVOA_L
ClientSampleId :
QC012825 CAN 10439

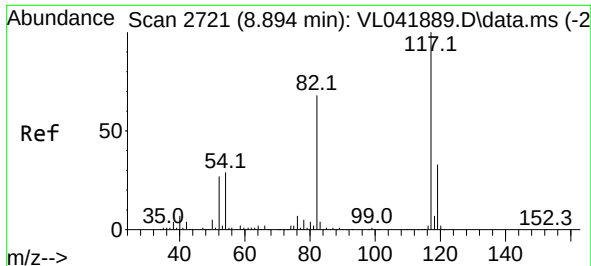
Tgt Ion: 49 Resp: 146182
Ion Ratio Lower Upper
49 100
128 46.9 24.3 73.0
130 60.8 31.1 93.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.007 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Tgt Ion: 114 Resp: 402503
Ion Ratio Lower Upper
114 100
63 24.8 19.8 29.6
88 17.4 14.4 21.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041966.D

Acq: 03 Feb 2025 16:02

Instrument :

MSVOA_L

ClientSampleId :

QC012825 CAN 10439

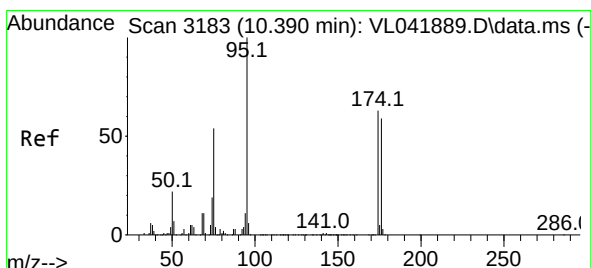
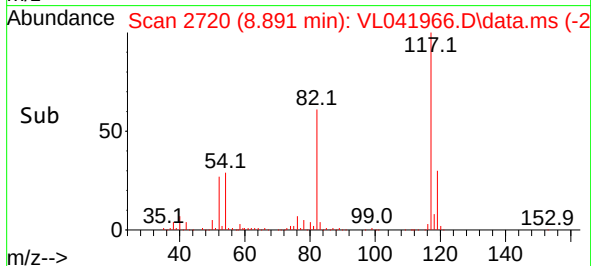
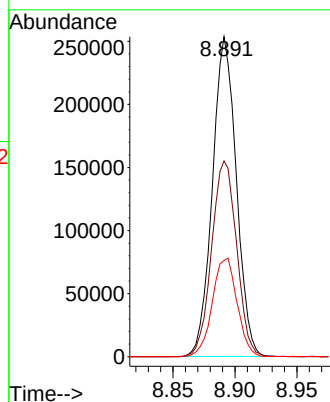
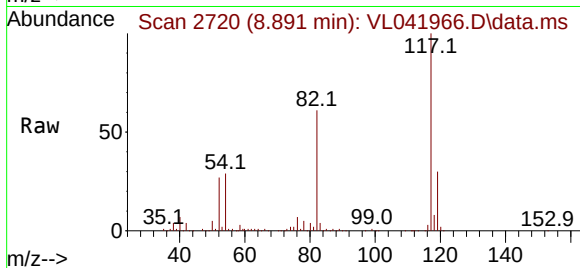
Tgt Ion:117 Resp: 341049

Ion Ratio Lower Upper

117 100

82 64.1 54.2 81.4

119 32.0 25.0 37.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.560 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. -0.007 min

Lab File: VL041966.D

Acq: 03 Feb 2025 16:02

Tgt Ion: 95 Resp: 256800

Ion Ratio Lower Upper

95 100

174 61.0 49.0 73.4

175 4.7 3.8 5.8

