

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
Data File : VL042092.D
Acq On : 04 Mar 2025 08:07
Operator : SY/MD
Sample : QC022625 CAN 10682
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC022625 CAN 10682

Quant Time: Mar 04 08:42:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	169978	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.959	114	377989	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.882	117	312700	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	231208	9.611	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%

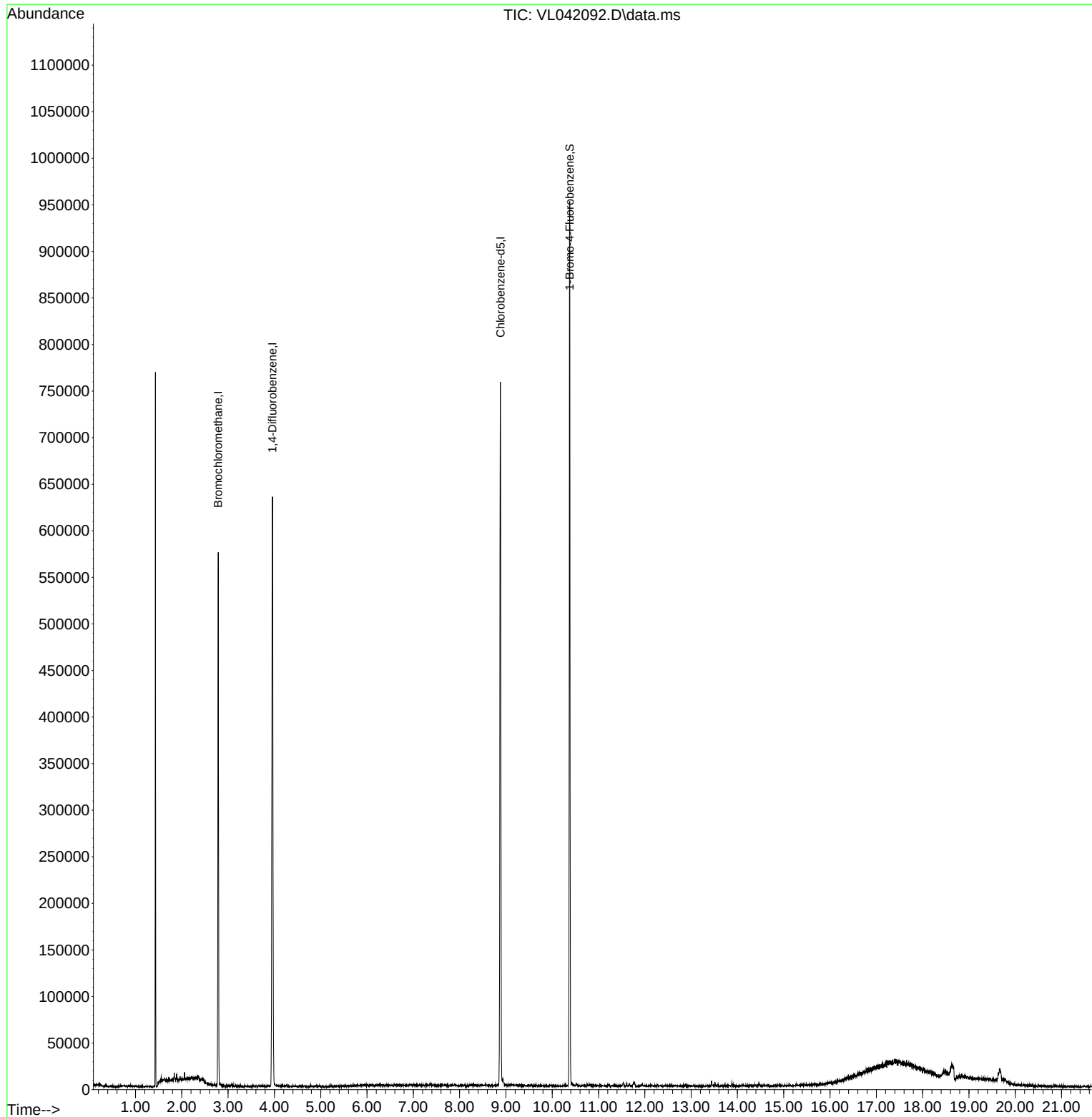
Target Compounds	Qvalue

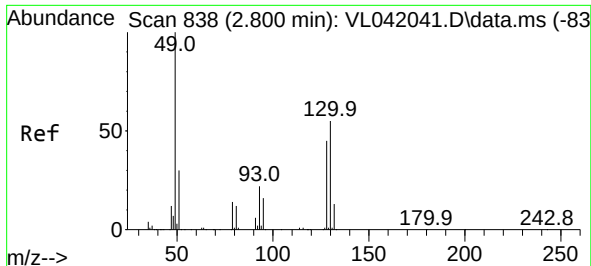
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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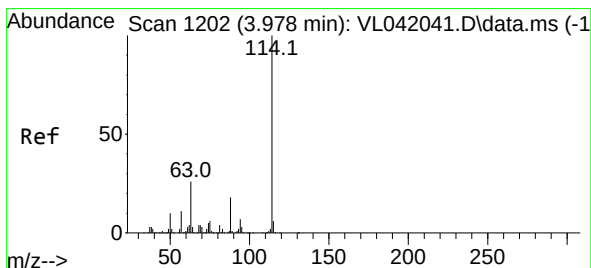
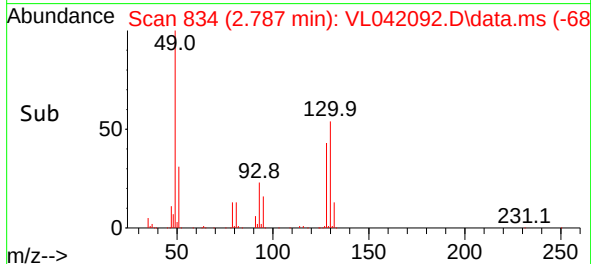
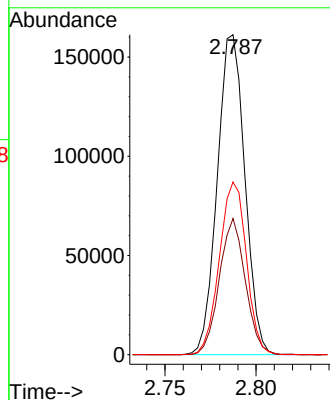
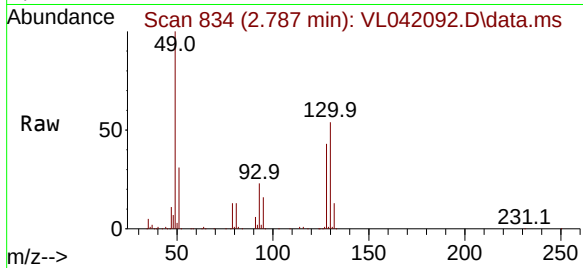




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042092.D
Acq: 04 Mar 2025 08:07

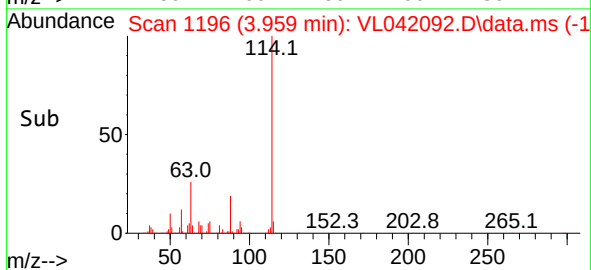
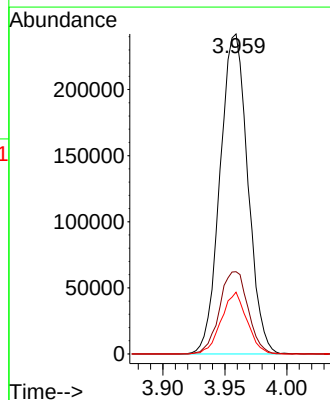
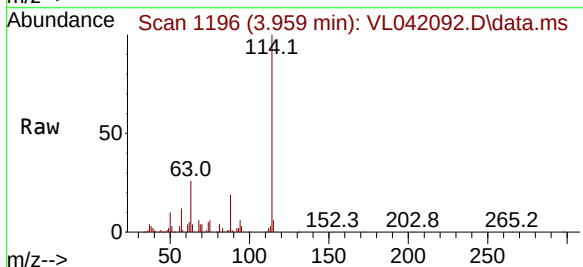
Instrument :
MSVOA_L
ClientSampleId :
QC022625 CAN 10682

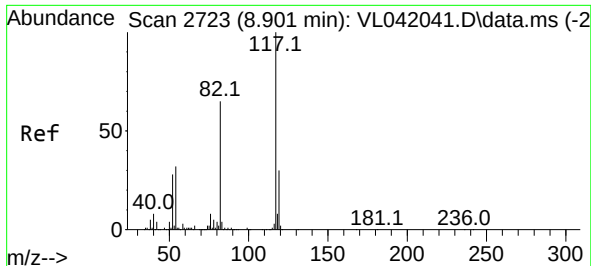
Tgt Ion: 49 Resp: 169978
Ion Ratio Lower Upper
49 100
128 40.1 21.6 64.8
130 52.9 27.8 83.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.019 min
Lab File: VL042092.D
Acq: 04 Mar 2025 08:07

Tgt Ion:114 Resp: 377989
Ion Ratio Lower Upper
114 100
63 26.5 20.1 30.1
88 17.9 14.3 21.5

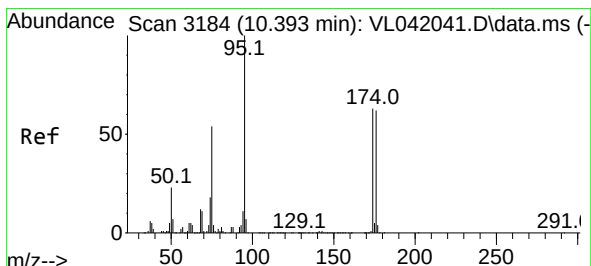
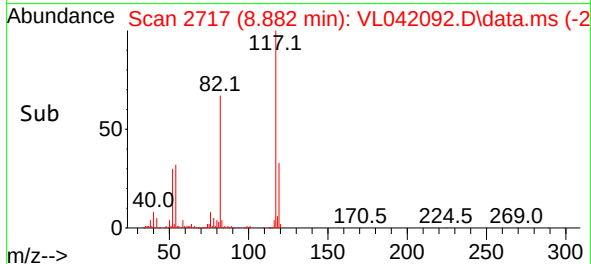
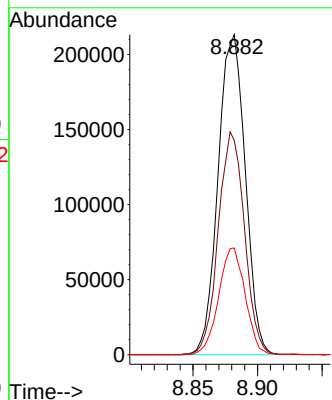
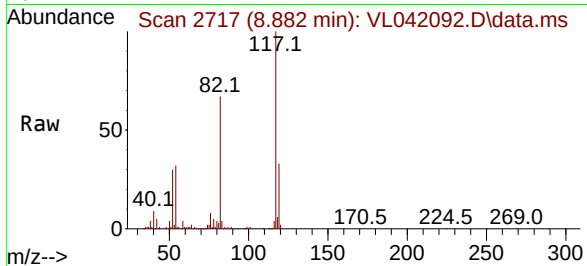




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL042092.D
Acq: 04 Mar 2025 08:07

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Tgt Ion:117 Resp: 312700
Ion Ratio Lower Upper
117 100
82 67.0 55.0 82.6
119 32.6 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.611 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.016 min
Lab File: VL042092.D
Acq: 04 Mar 2025 08:07

Tgt Ion: 95 Resp: 231208
Ion Ratio Lower Upper
95 100
174 62.8 51.8 77.6
175 4.6 3.9 5.9

