

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042437.D
 Acq On : 29 Apr 2025 09:25
 Operator : SY/MD
 Sample : VL0429ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0429ABL01

Quant Time: Apr 30 01:16:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	2.787	49	119014	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	328601	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	276498	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	239853	10.556	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.600%

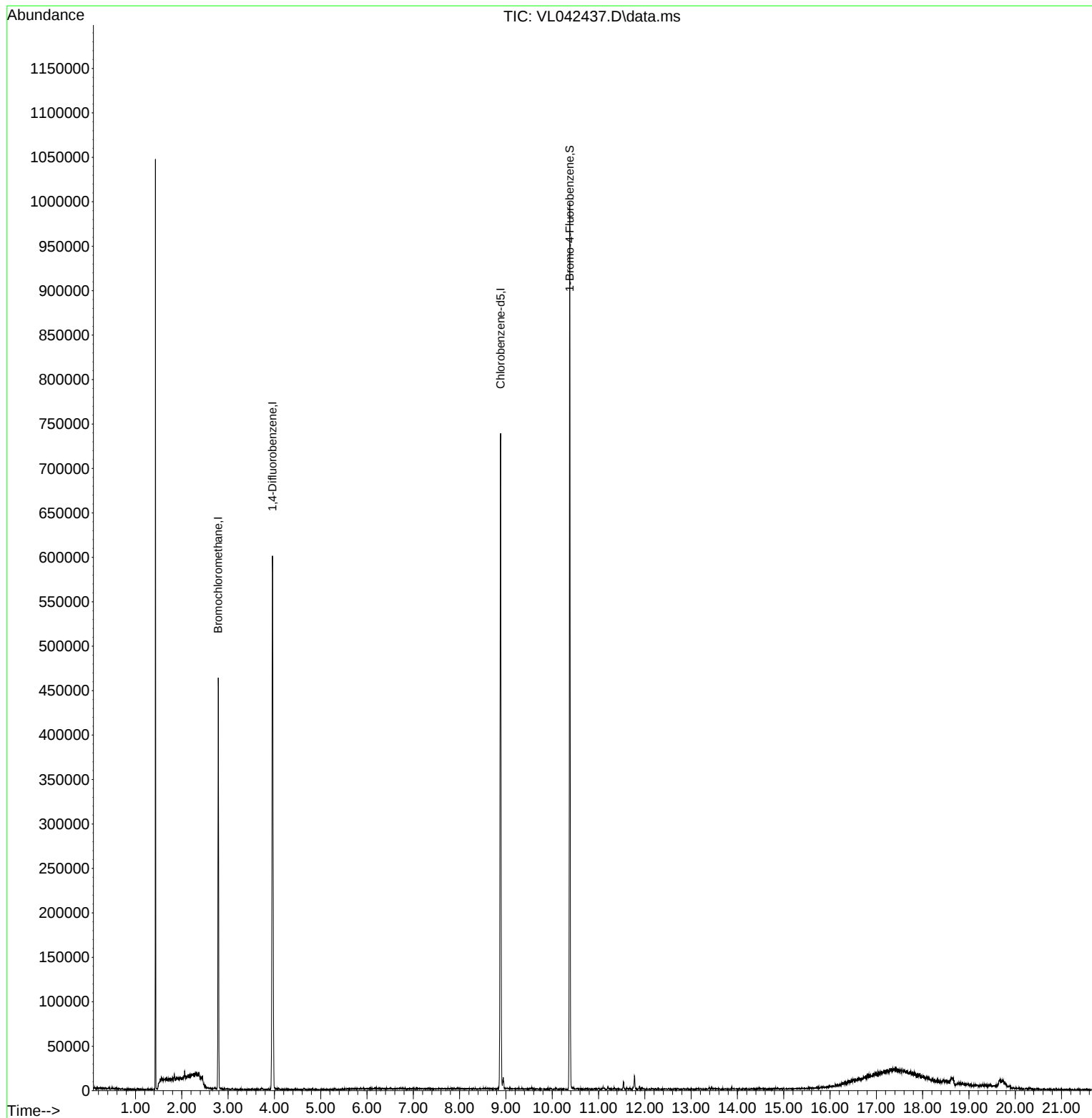
Target Compounds	Qvalue

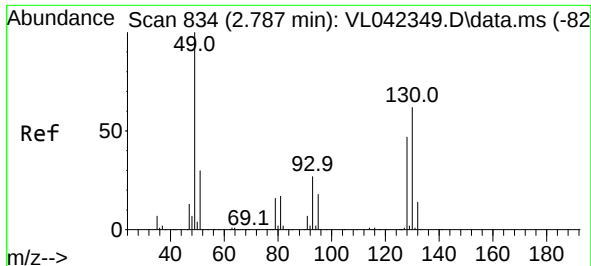
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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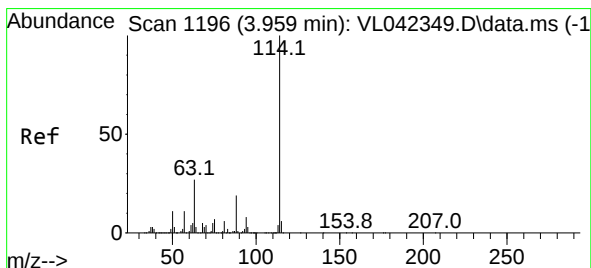
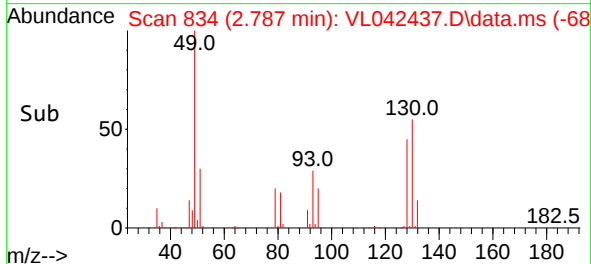
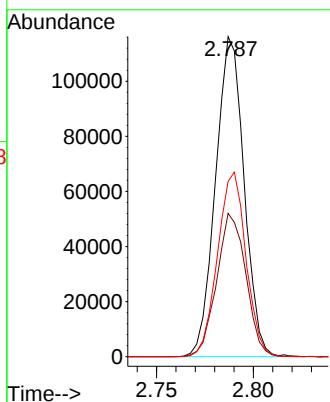
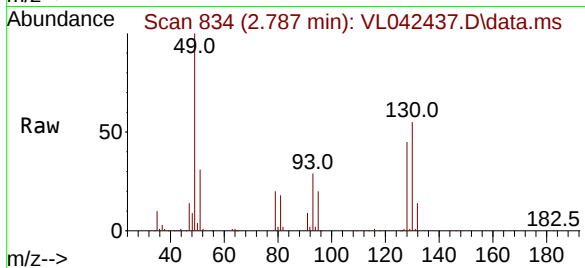




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042437.D
Acq: 29 Apr 2025 09:25

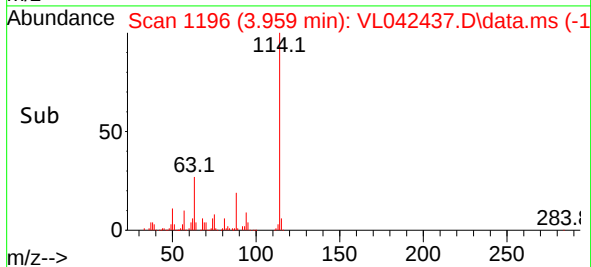
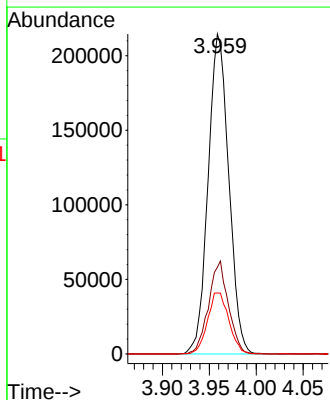
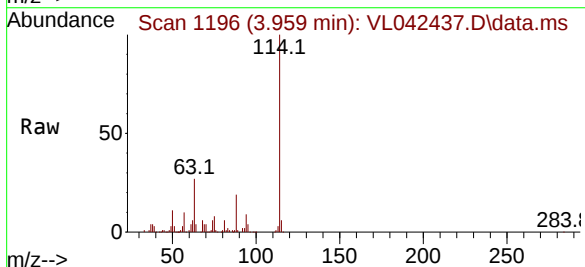
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABL01

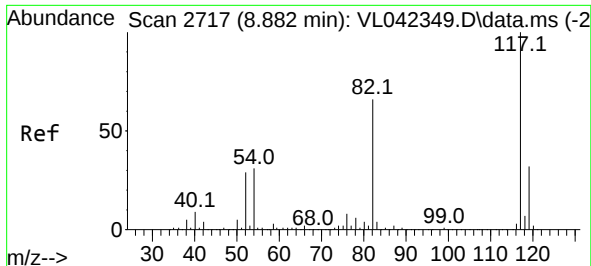
Tgt Ion: 49 Resp: 119014
Ion Ratio Lower Upper
49 100
128 45.8 22.8 68.4
130 57.6 29.3 88.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VL042437.D
Acq: 29 Apr 2025 09:25

Tgt Ion: 114 Resp: 328601
Ion Ratio Lower Upper
114 100
63 27.9 21.8 32.6
88 19.7 15.5 23.3

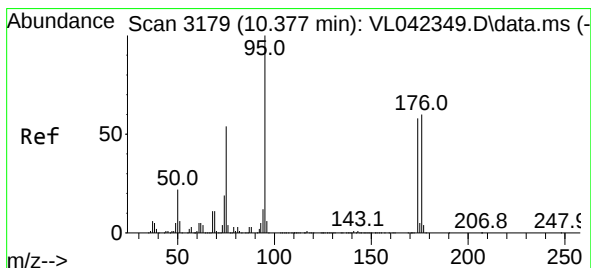
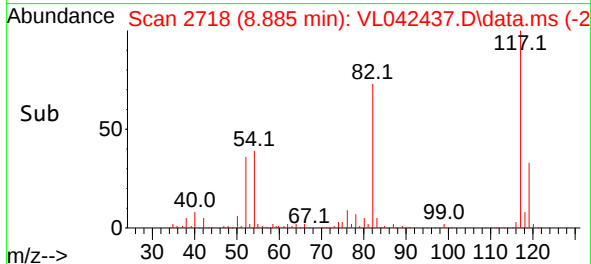
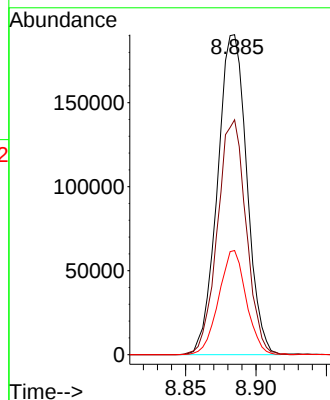
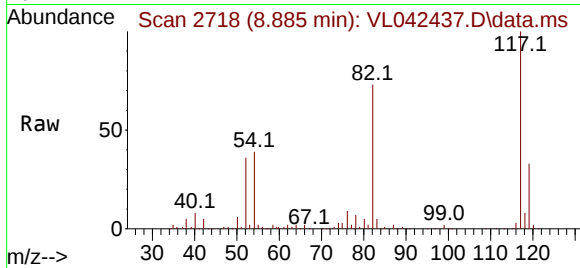




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 217
Delta R.T. 0.003 min
Lab File: VL042437.D
Acq: 29 Apr 2025 09:25

Instrument :
MSVOA_1
ClientSampleId :
VL0429ABL01

Tgt Ion:117 Resp: 276498
Ion Ratio Lower Upper
117 100
82 71.6 57.8 86.6
119 30.6 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.556 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VL042437.D
Acq: 29 Apr 2025 09:25

Tgt Ion: 95 Resp: 239853
Ion Ratio Lower Upper
95 100
174 51.8 48.5 72.7
175 3.8 3.7 5.5

