

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042958.D
 Acq On : 22 Sep 2025 15:06
 Operator : SY/MD
 Sample : VL0922ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0922ABL01

Quant Time: Sep 23 02:50:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	157278	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	497068	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	444461	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	332703	10.028	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

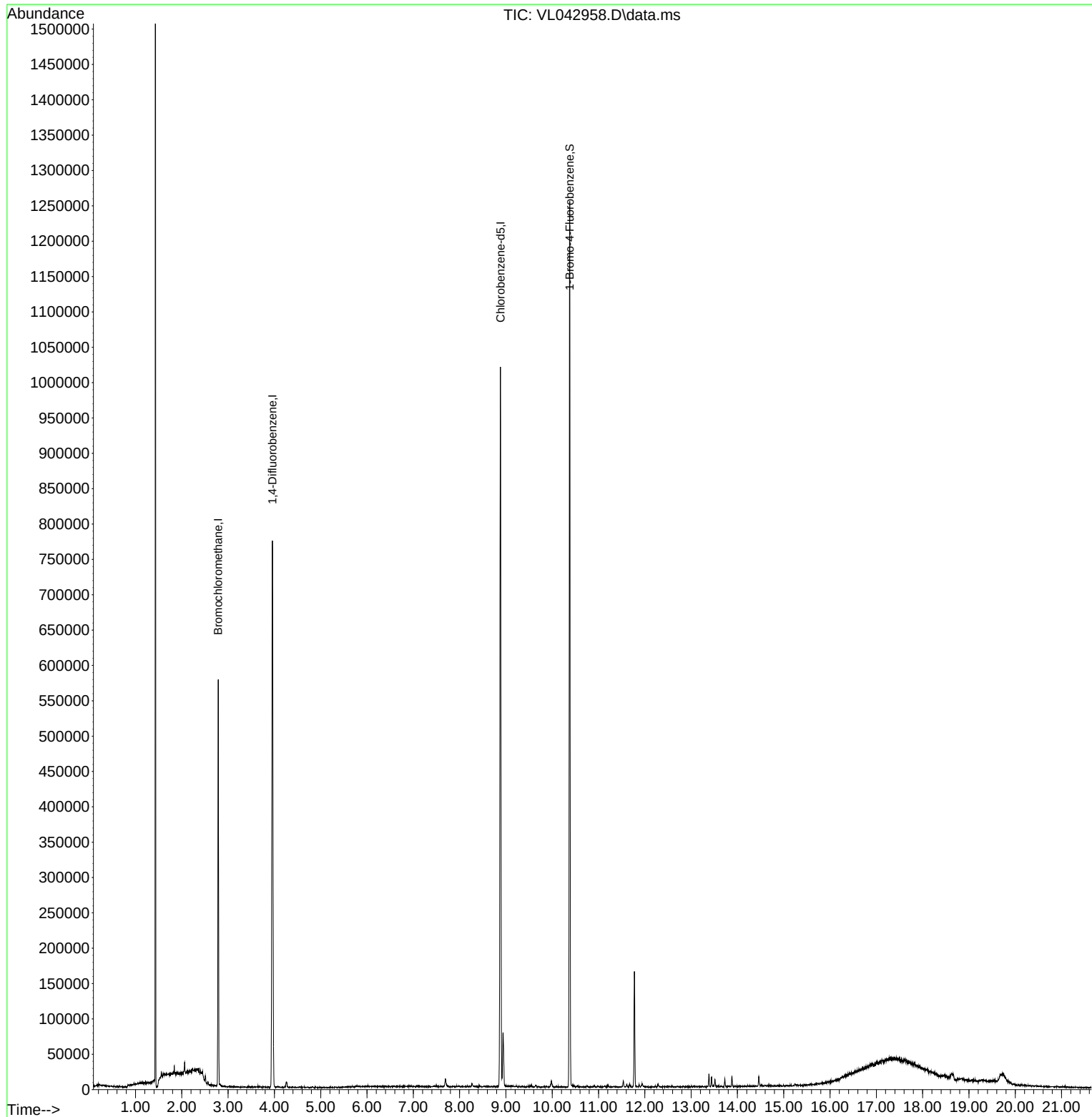
Target Compounds	Qvalue

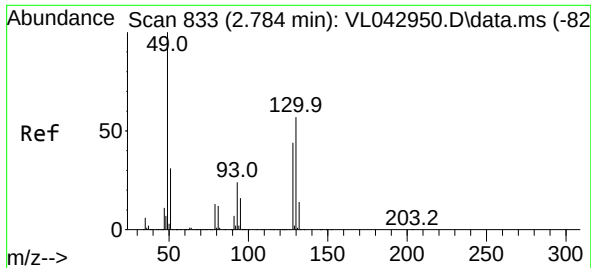
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
Data File : VL042958.D
Acq On : 22 Sep 2025 15:06
Operator : SY/MD
Sample : VL0922ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABL01

Quant Time: Sep 23 02:50:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

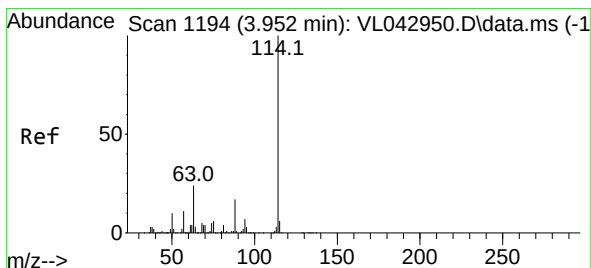
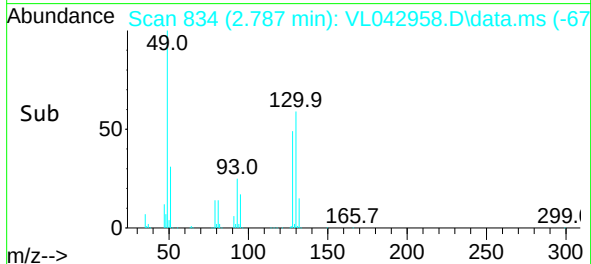
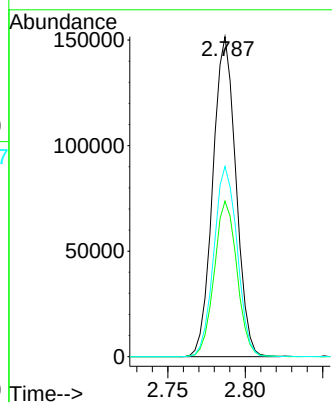
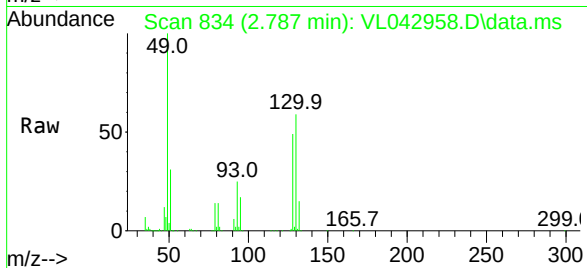




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042958.D
Acq: 22 Sep 2025 15:06

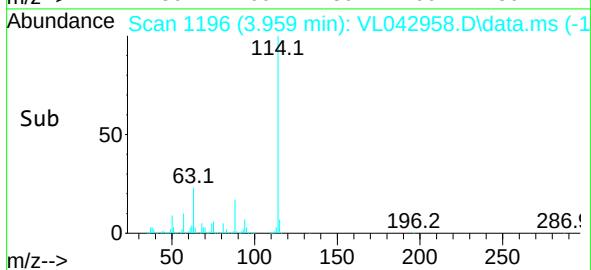
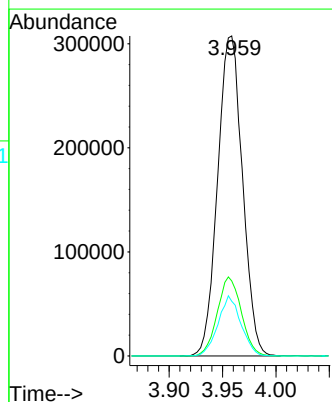
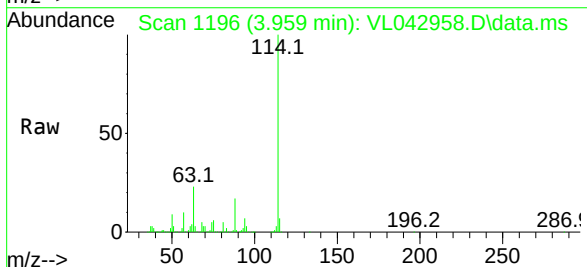
Instrument :
MSVOA_1
ClientSampleId :
VL0922ABL01

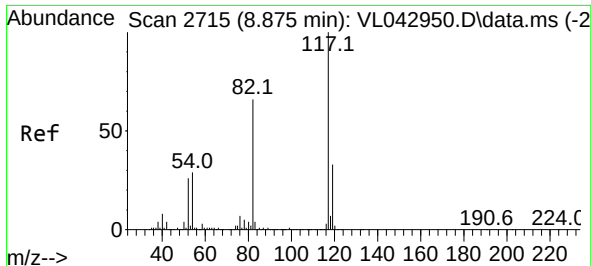
Tgt Ion: 49 Resp: 157278
Ion Ratio Lower Upper
49 100
128 48.0 22.9 68.8
130 60.1 29.1 87.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.006 min
Lab File: VL042958.D
Acq: 22 Sep 2025 15:06

Tgt Ion: 114 Resp: 497068
Ion Ratio Lower Upper
114 100
63 23.9 19.4 29.2
88 17.3 14.2 21.2

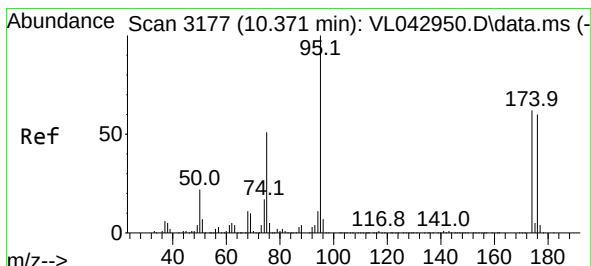
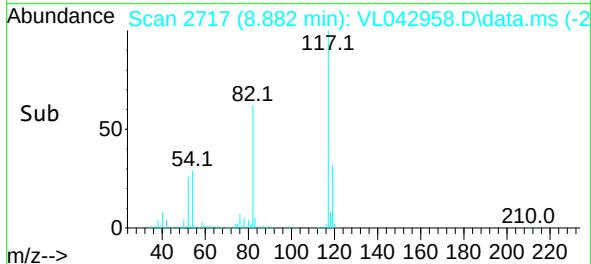
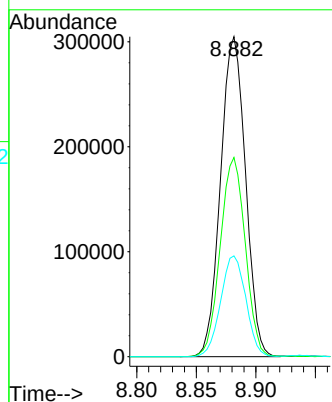
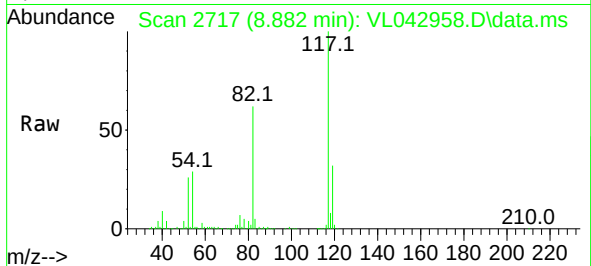




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042958.D
Acq: 22 Sep 2025 15:06

Instrument :
MSVOA_L
ClientSampleId :
VL0922ABL01

Tgt Ion:117 Resp: 444461
Ion Ratio Lower Upper
117 100
82 62.4 52.8 79.2
119 31.8 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.006 min
Lab File: VL042958.D
Acq: 22 Sep 2025 15:06

Tgt Ion: 95 Resp: 332703
Ion Ratio Lower Upper
95 100
174 64.0 51.4 77.2
175 5.0 4.0 6.0

