

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090425\
 Data File : VL042889.D
 Acq On : 04 Sep 2025 13:09
 Operator : SY/MD
 Sample : VL0904ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0904ABL01

Quant Time: Sep 05 01:21:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 02:12:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	124977	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	337917	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	288118	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	221808	10.265	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

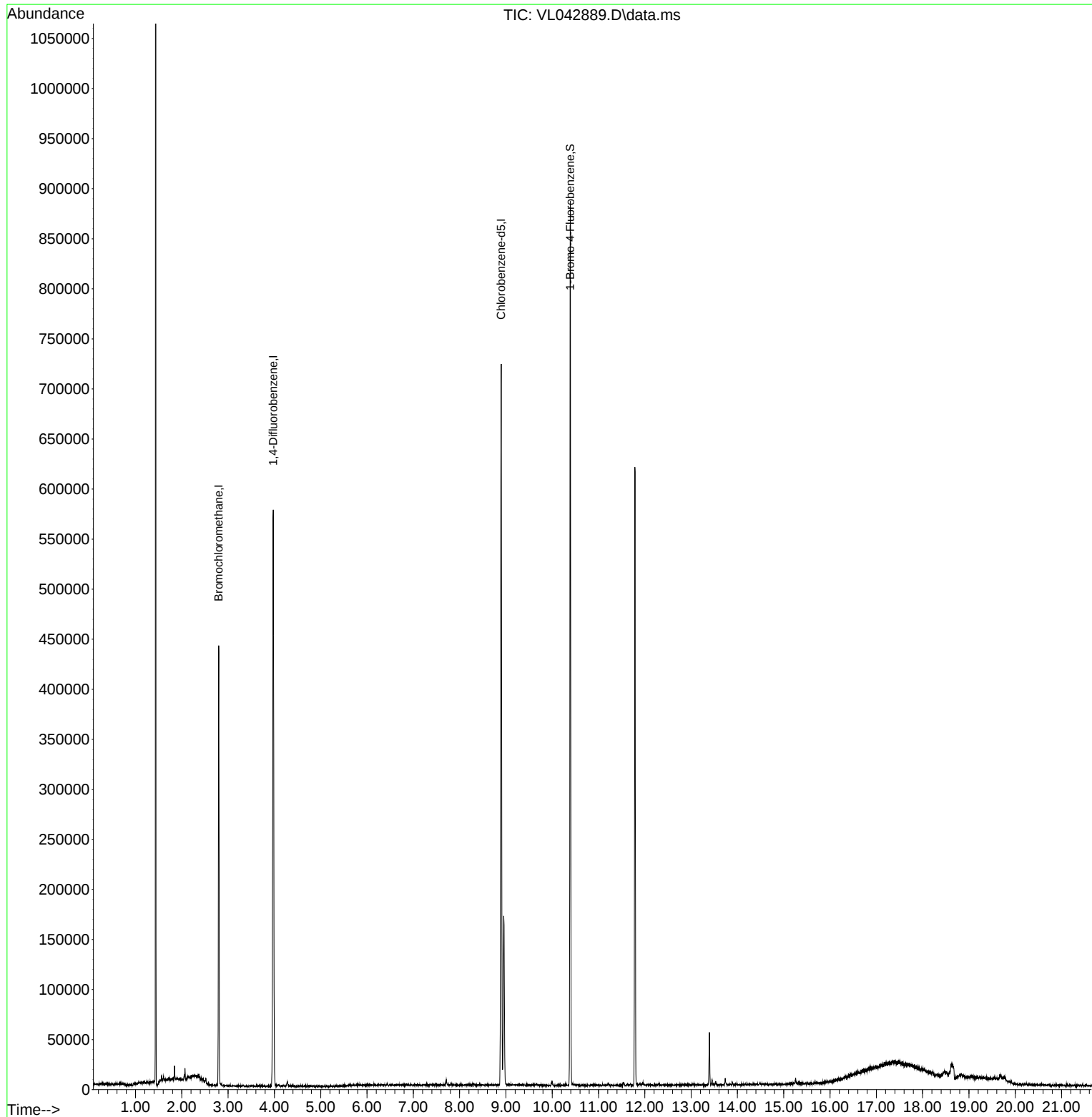
Target Compounds	Qvalue

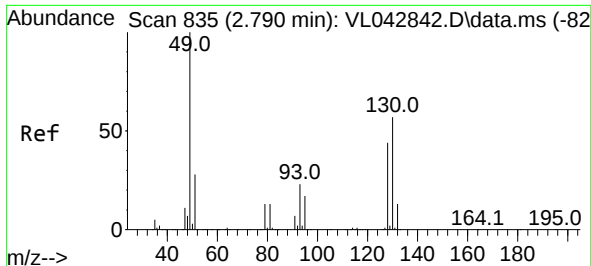
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090425\
Data File : VL042889.D
Acq On : 04 Sep 2025 13:09
Operator : SY/MD
Sample : VL0904ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0904ABL01

Quant Time: Sep 05 01:21:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

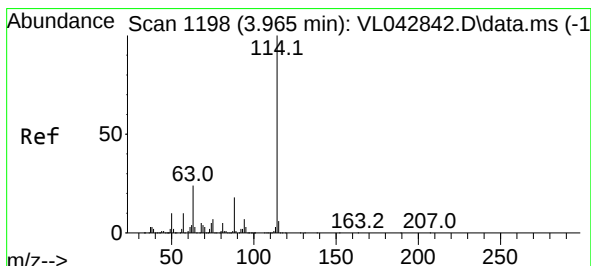
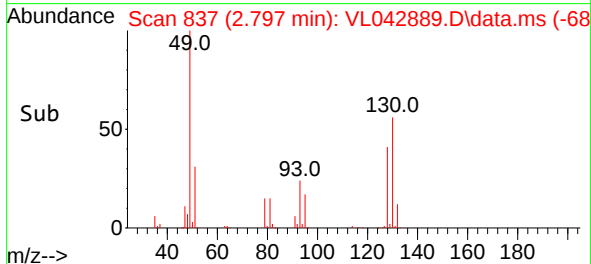
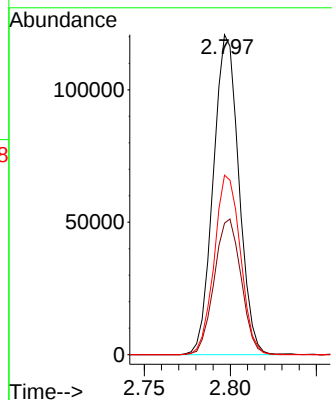
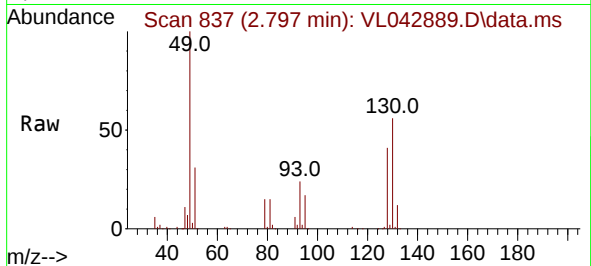




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042889.D
Acq: 04 Sep 2025 13:09

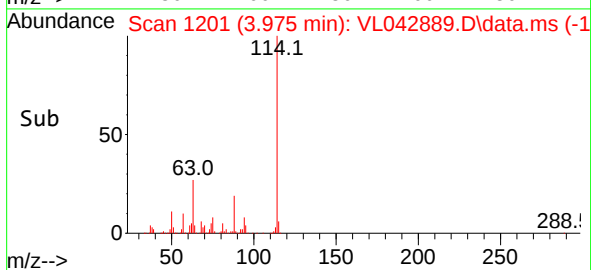
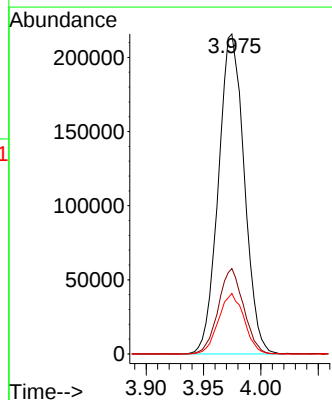
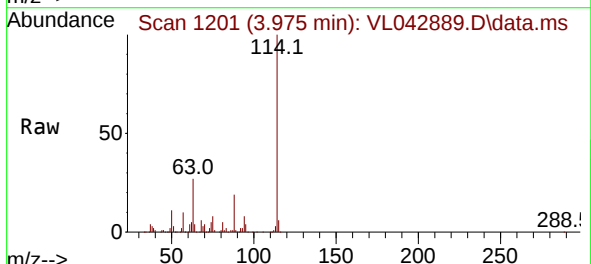
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABL01

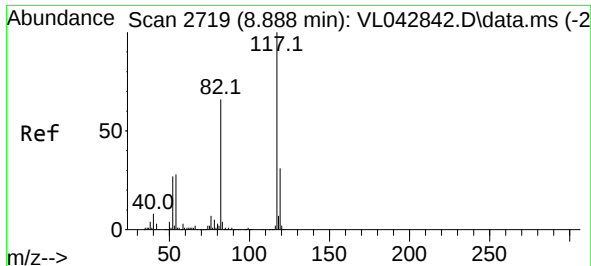
Tgt Ion: 49 Resp: 124977
Ion Ratio Lower Upper
49 100
128 44.6 23.7 71.1
130 57.4 30.6 91.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.010 min
Lab File: VL042889.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 114 Resp: 337917
Ion Ratio Lower Upper
114 100
63 26.2 19.7 29.5
88 18.7 14.4 21.6

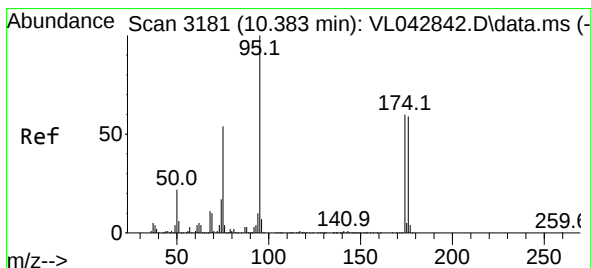
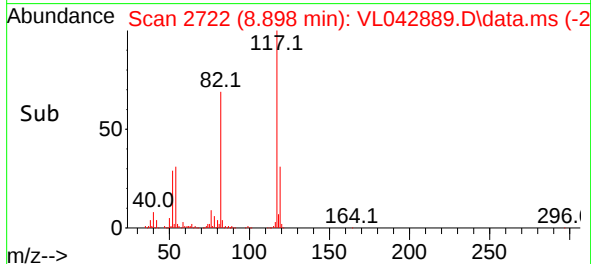
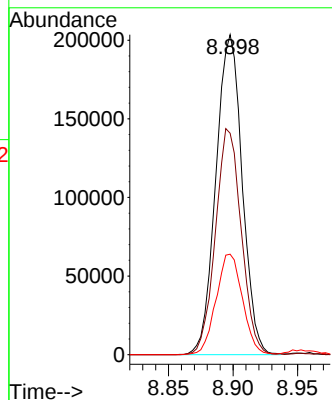
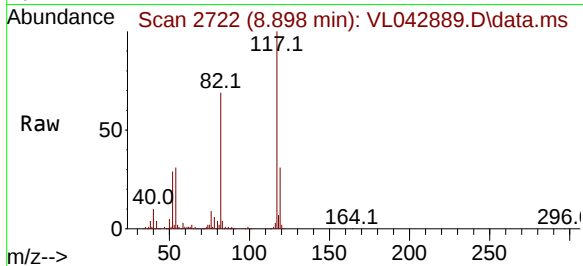




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL042889.D
Acq: 04 Sep 2025 13:09

Instrument :
MSVOA_L
ClientSampleId :
VL0904ABL01

Tgt Ion:117 Resp: 288118
Ion Ratio Lower Upper
117 100
82 69.4 54.6 81.8
119 31.6 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.265 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. 0.006 min
Lab File: VL042889.D
Acq: 04 Sep 2025 13:09

Tgt Ion: 95 Resp: 221808
Ion Ratio Lower Upper
95 100
174 56.6 48.4 72.6
175 4.0 3.8 5.8

