

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042827.D
 Acq On : 07 Aug 2025 11:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Aug 08 01:15:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.780	49	166243	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	437962	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	367937	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	277605	9.527	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%

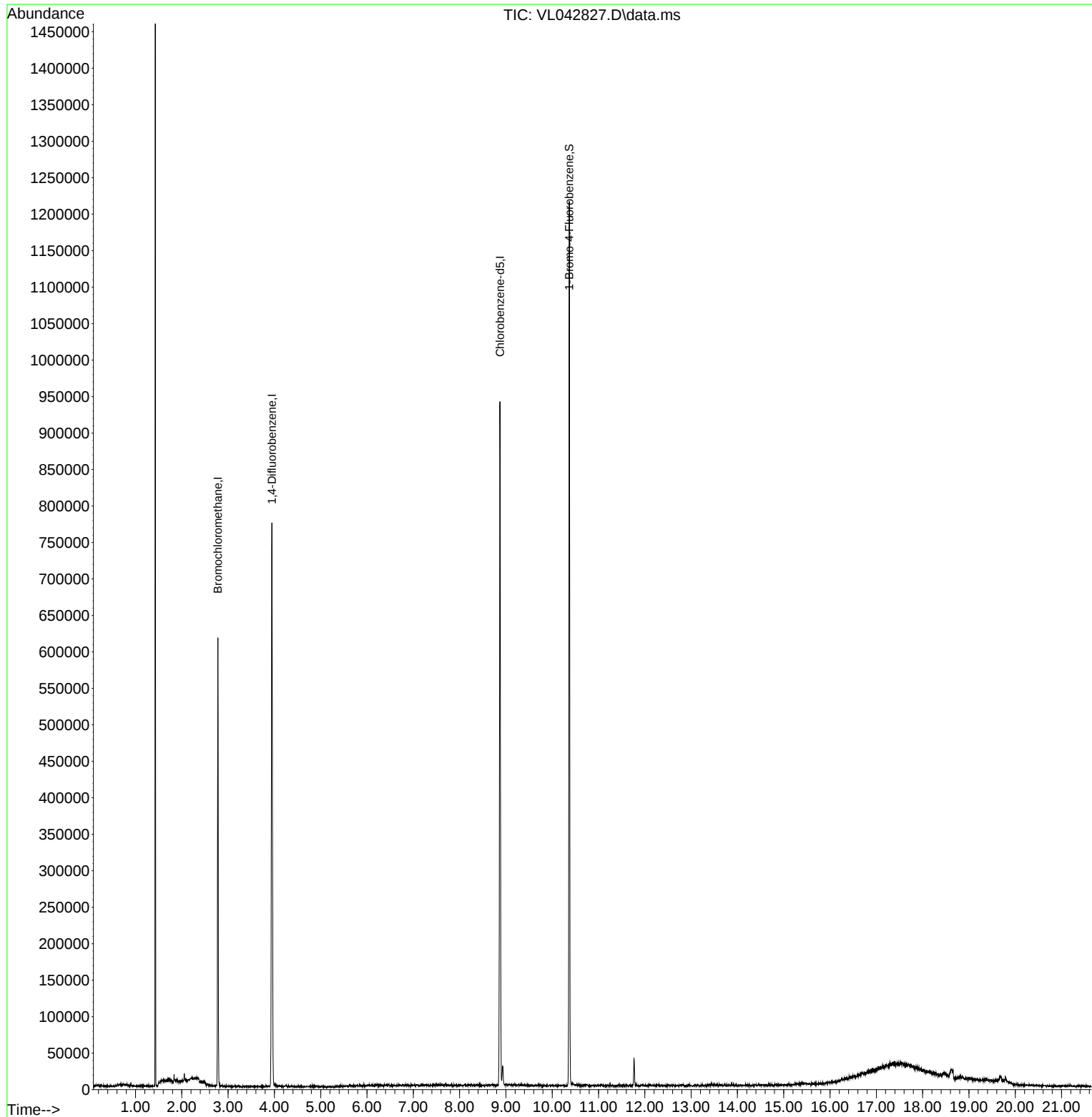
Target Compounds	Qvalue

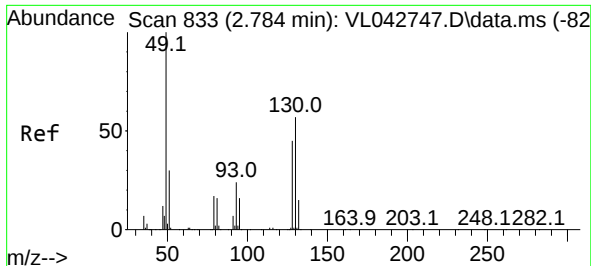
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
Data File : VL042827.D
Acq On : 07 Aug 2025 11:01
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Aug 08 01:15:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration

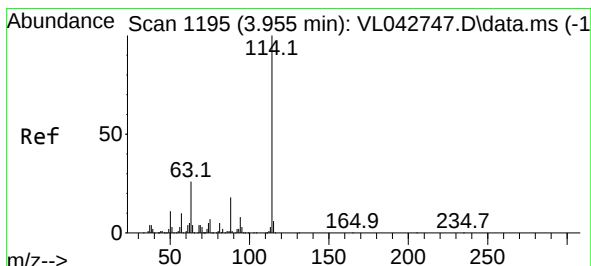
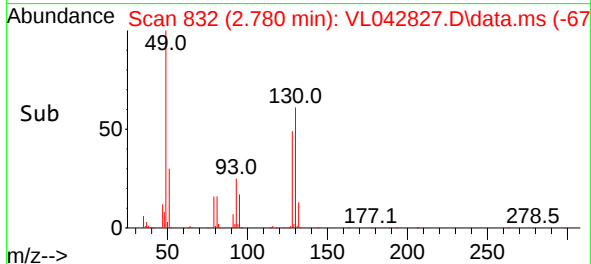
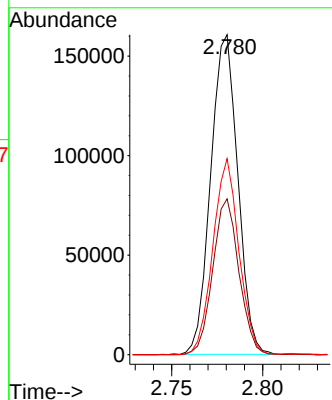
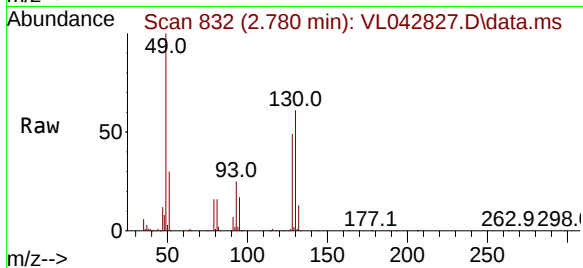




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL042827.D
Acq: 07 Aug 2025 11:01

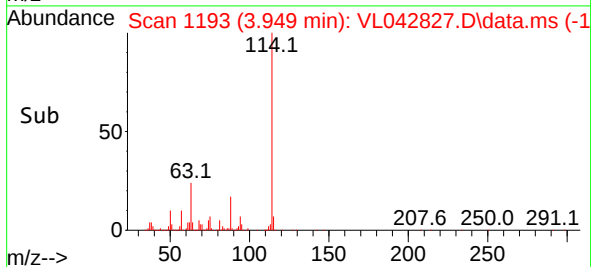
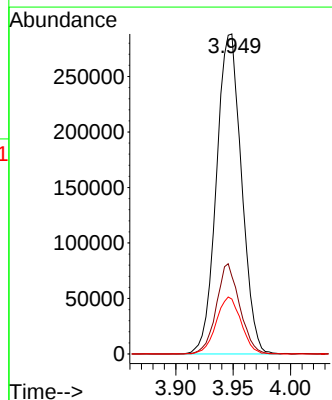
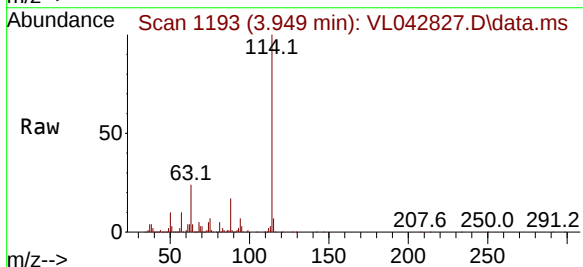
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

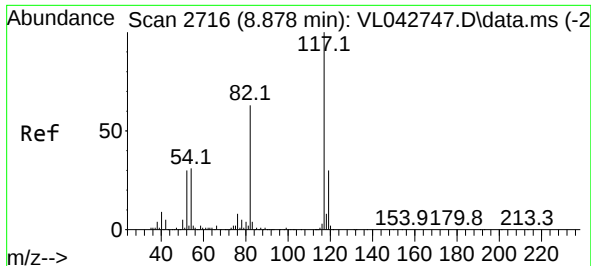
Tgt Ion: 49 Resp: 166243
Ion Ratio Lower Upper
49 100
128 47.1 23.6 71.0
130 58.9 30.3 90.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. -0.007 min
Lab File: VL042827.D
Acq: 07 Aug 2025 11:01

Tgt Ion: 114 Resp: 437962
Ion Ratio Lower Upper
114 100
63 26.4 20.5 30.7
88 17.7 14.0 21.0

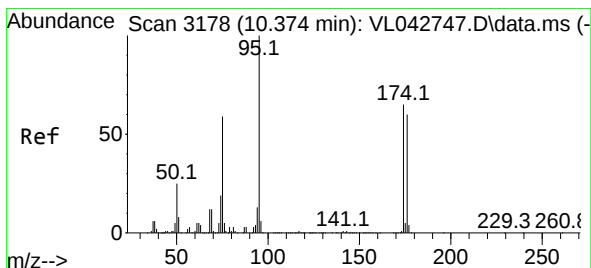
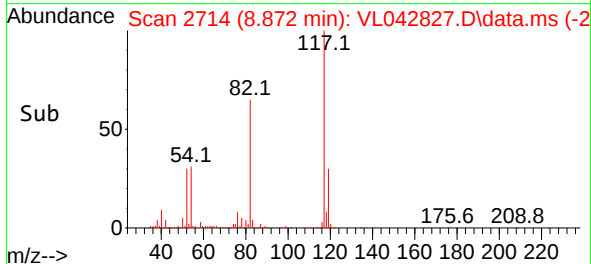
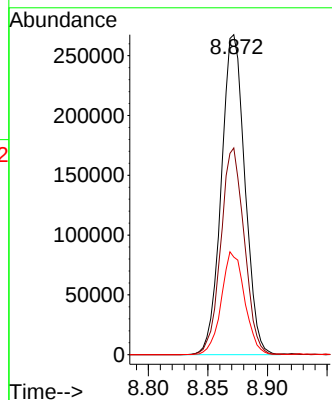
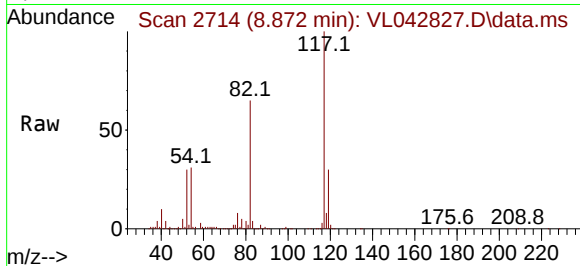




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042827.D
Acq: 07 Aug 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 367937
Ion Ratio Lower Upper
117 100
82 64.4 53.3 79.9
119 31.8 25.8 38.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.527 ppbv
RT: 10.367 min Scan# 3176
Delta R.T. -0.007 min
Lab File: VL042827.D
Acq: 07 Aug 2025 11:01

Tgt Ion: 95 Resp: 277605
Ion Ratio Lower Upper
95 100
174 66.4 53.8 80.6
175 4.8 4.0 6.0

