

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043258.D
 Acq On : 20 Nov 2025 11:01
 Operator : SY/MD
 Sample : VL1120ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1120ABL01

Quant Time: Nov 21 00:35:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Nov 19 01:11:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	105521	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	275399	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	211341	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	154256	9.958	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

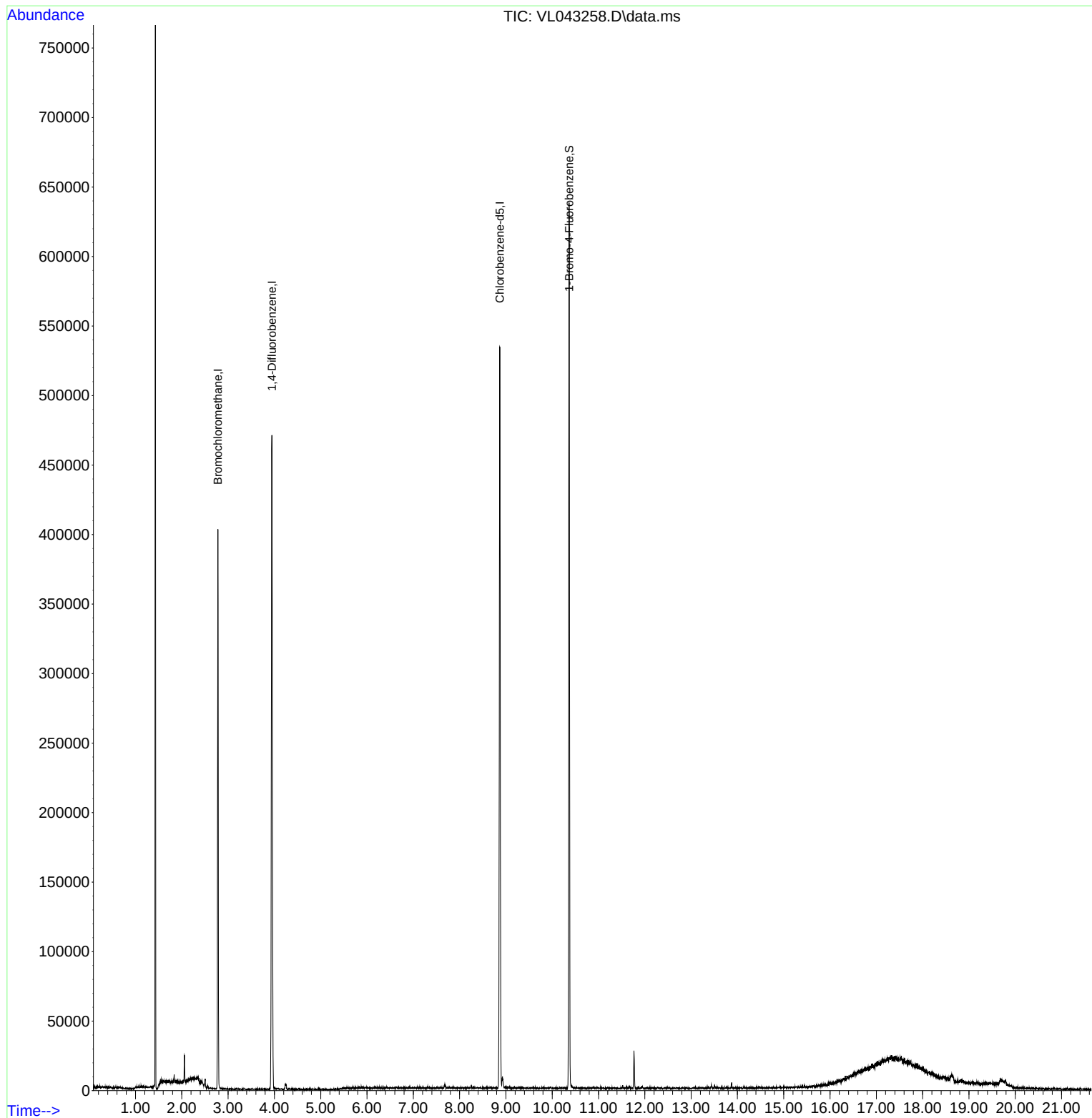
Target Compounds	Qvalue

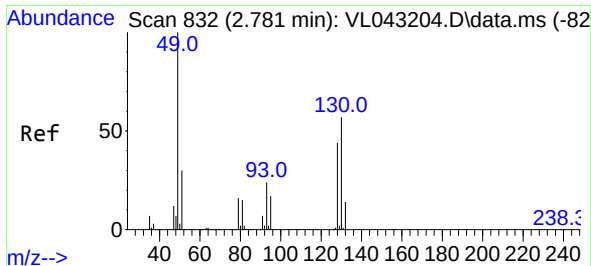
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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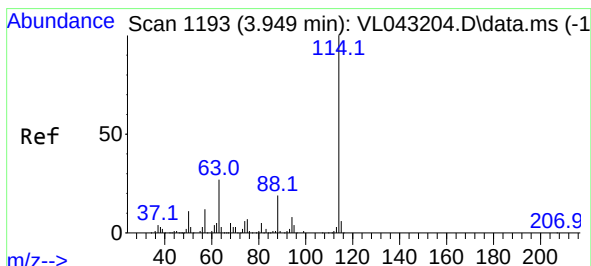
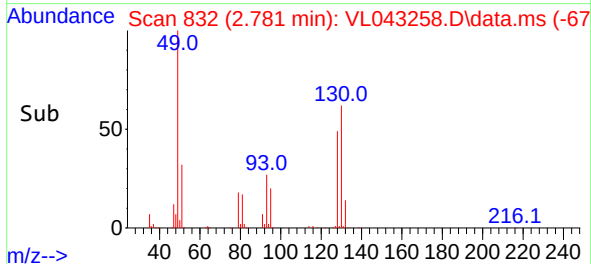
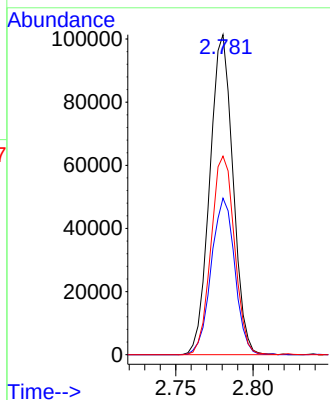
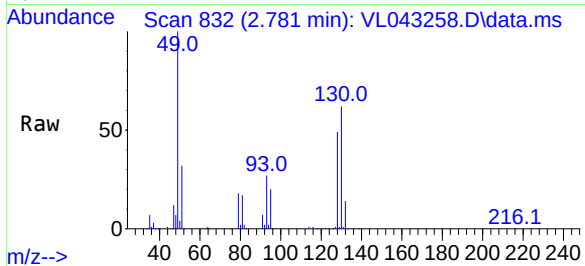




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL043258.D
Acq: 20 Nov 2025 11:01

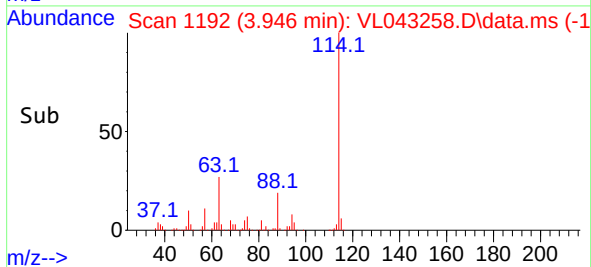
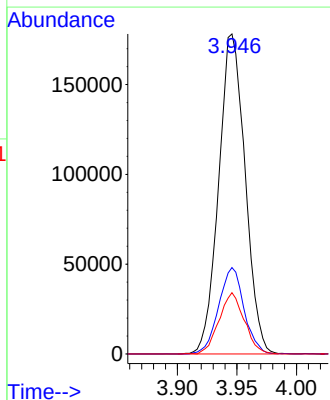
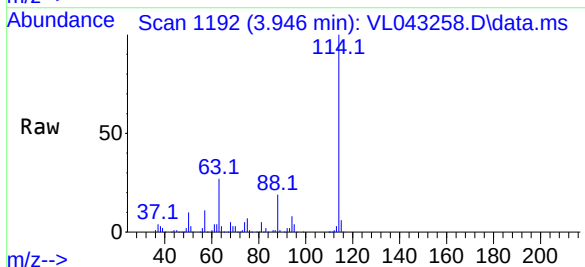
Instrument :
MSVOA_1
ClientSampleId :
VL1120ABL01

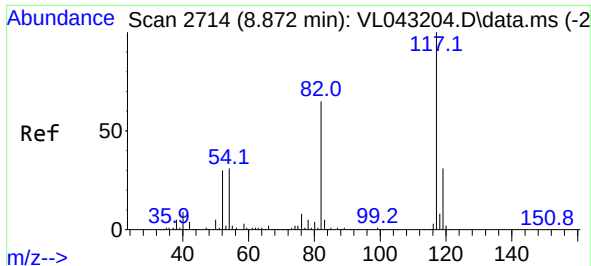
Tgt Ion: 49 Resp: 105521
Ion Ratio Lower Upper
49 100
128 49.6 23.0 69.0
130 62.9 29.9 89.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1192
Delta R.T. -0.003 min
Lab File: VL043258.D
Acq: 20 Nov 2025 11:01

Tgt Ion: 114 Resp: 275399
Ion Ratio Lower Upper
114 100
63 26.0 21.0 31.6
88 18.3 14.9 22.3

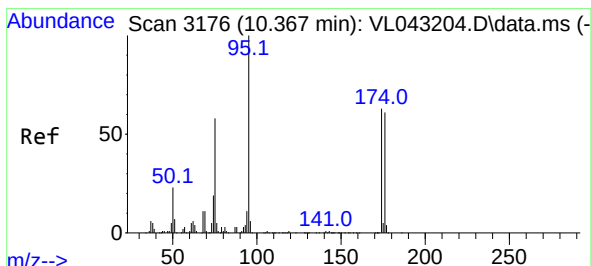
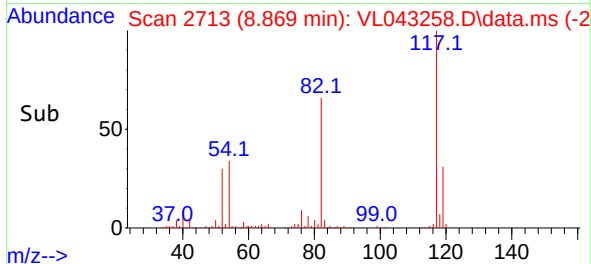
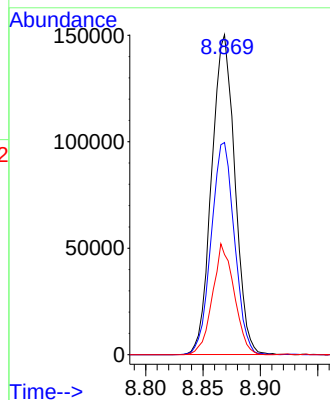
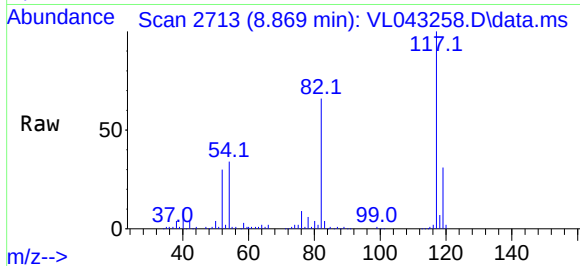




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.869 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VL043258.D
Acq: 20 Nov 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :
VL1120ABL01

Tgt Ion:117 Resp: 211341
Ion Ratio Lower Upper
117 100
82 66.5 56.1 84.1
119 32.6 25.0 37.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.958 ppbv
RT: 10.364 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VL043258.D
Acq: 20 Nov 2025 11:01

Tgt Ion: 95 Resp: 154256
Ion Ratio Lower Upper
95 100
174 65.5 50.2 75.2
175 4.9 4.1 6.1

