

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041923.D
 Acq On : 20 Jan 2025 16:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 21 03:05:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	137449	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	386440	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.875	117	334022	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	259675	9.870	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%

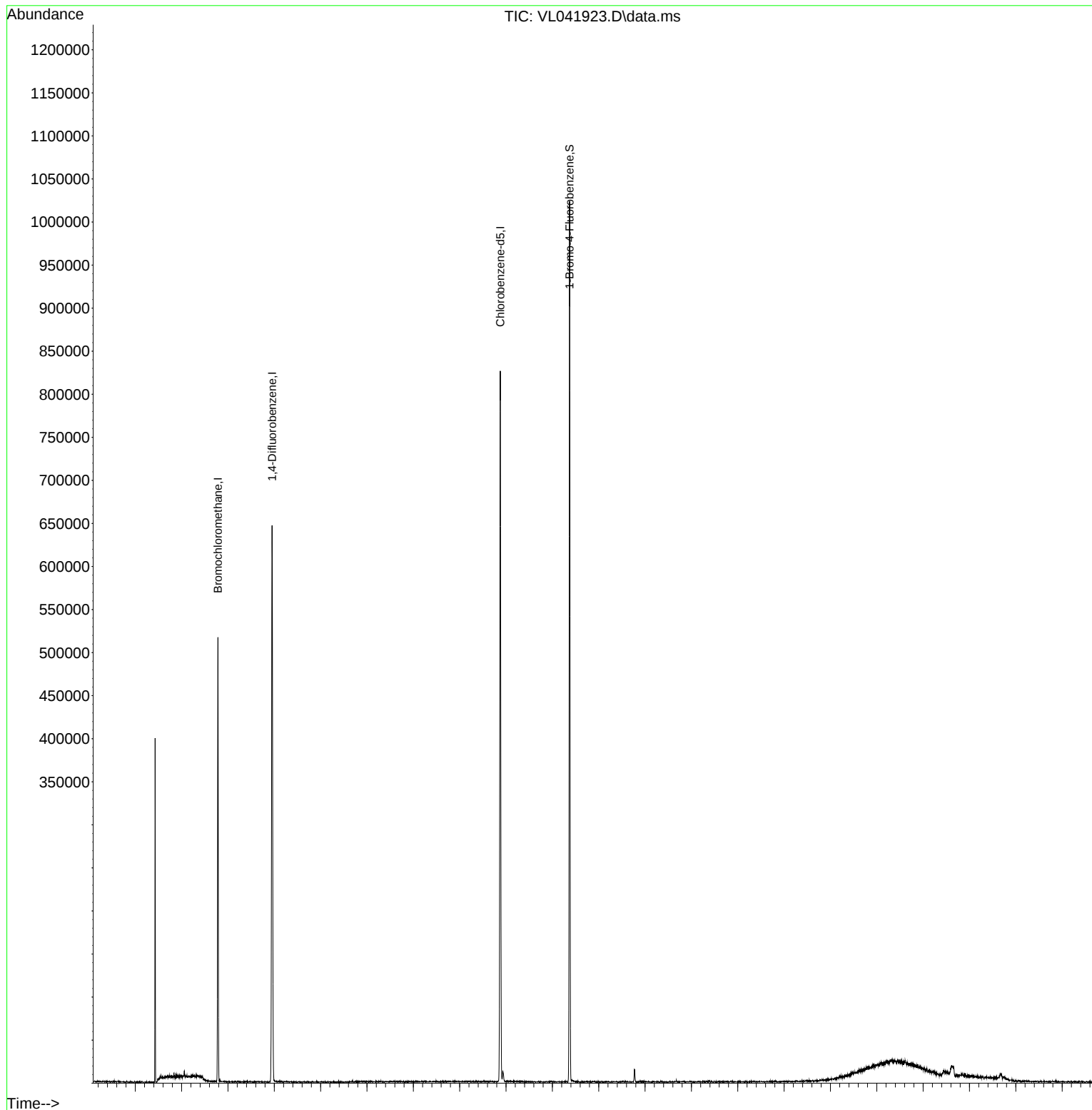
Target Compounds	Qvalue

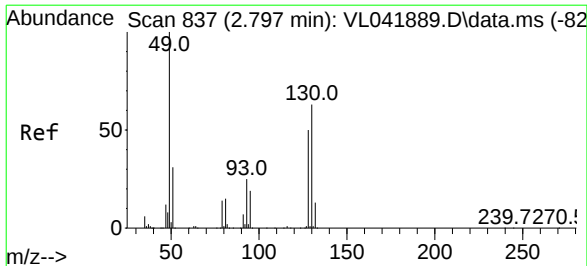
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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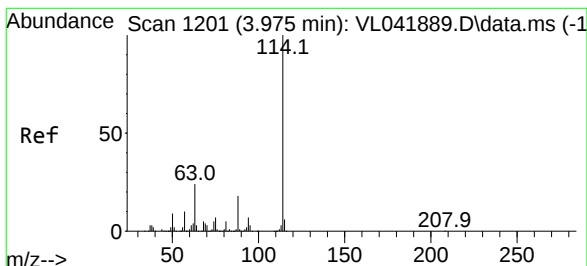
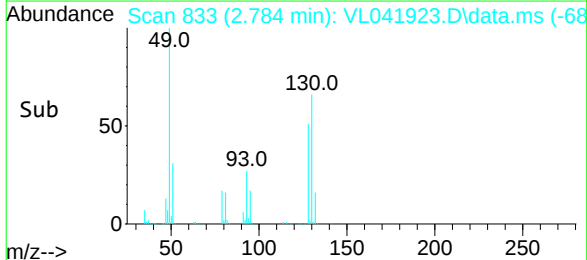
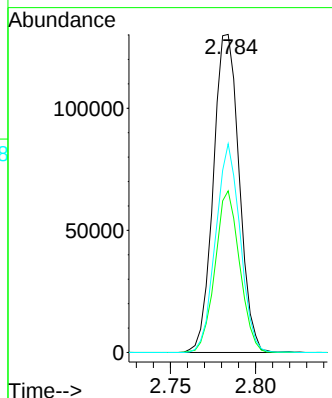
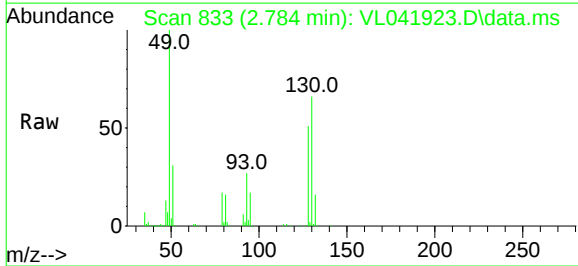




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 83
Delta R.T. -0.013 min
Lab File: VL041923.D
Acq: 20 Jan 2025 16:43

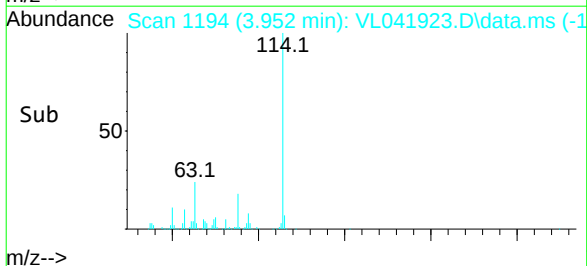
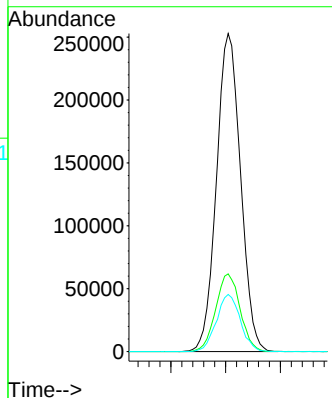
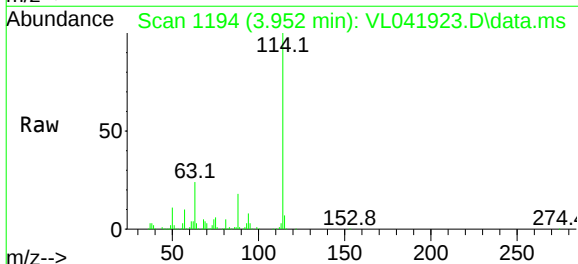
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

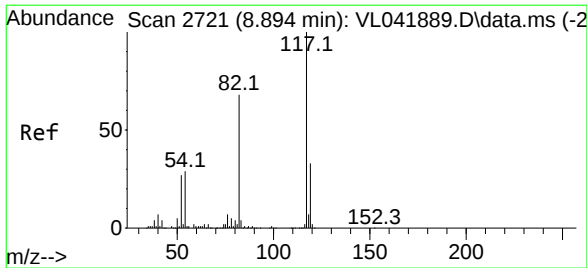
Tgt Ion: 49 Resp: 137449
Ion Ratio Lower Upper
49 100
128 48.3 24.3 73.0
130 62.3 31.1 93.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.022 min
Lab File: VL041923.D
Acq: 20 Jan 2025 16:43

Tgt Ion: 114 Resp: 386440
Ion Ratio Lower Upper
114 100
63 24.7 19.8 29.6
88 17.8 14.4 21.6

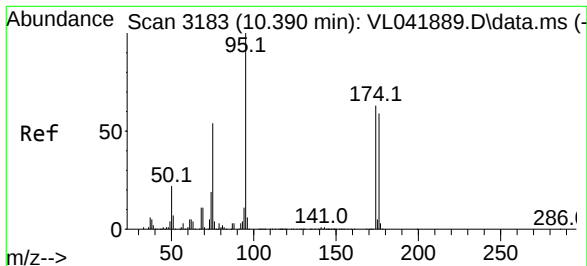
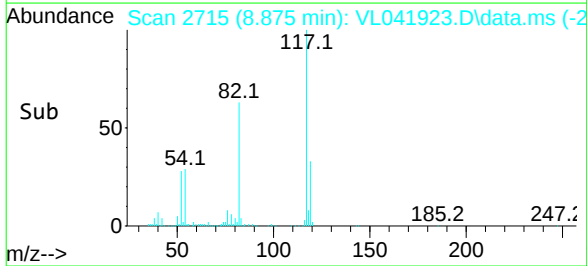
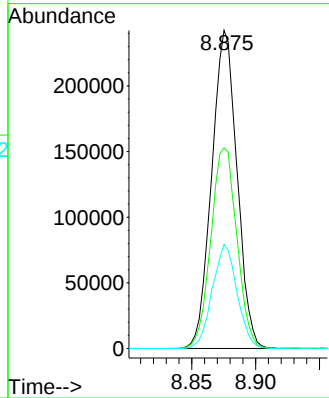
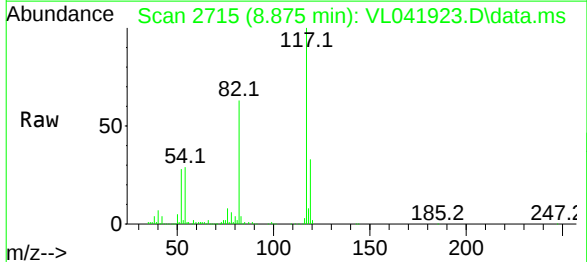




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. -0.019 min
Lab File: VL041923.D
Acq: 20 Jan 2025 16:43

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Tgt Ion:117 Resp: 334022
Ion Ratio Lower Upper
117 100
82 64.9 54.2 81.4
119 32.0 25.0 37.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.870 ppbv
RT: 10.371 min Scan# 3177
Delta R.T. -0.019 min
Lab File: VL041923.D
Acq: 20 Jan 2025 16:43

Tgt Ion: 95 Resp: 259675
Ion Ratio Lower Upper
95 100
174 59.6 49.0 73.4
175 4.7 3.8 5.8

