

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010325\
 Data File : VL041829.D
 Acq On : 03 Jan 2025 15:48
 Operator : SY/MD
 Sample : VL0103ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0103ABL01

Quant Time: Jan 03 16:11:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	85723	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.981	114	203573	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.904	117	176522	10.000	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	142384	9.679	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%

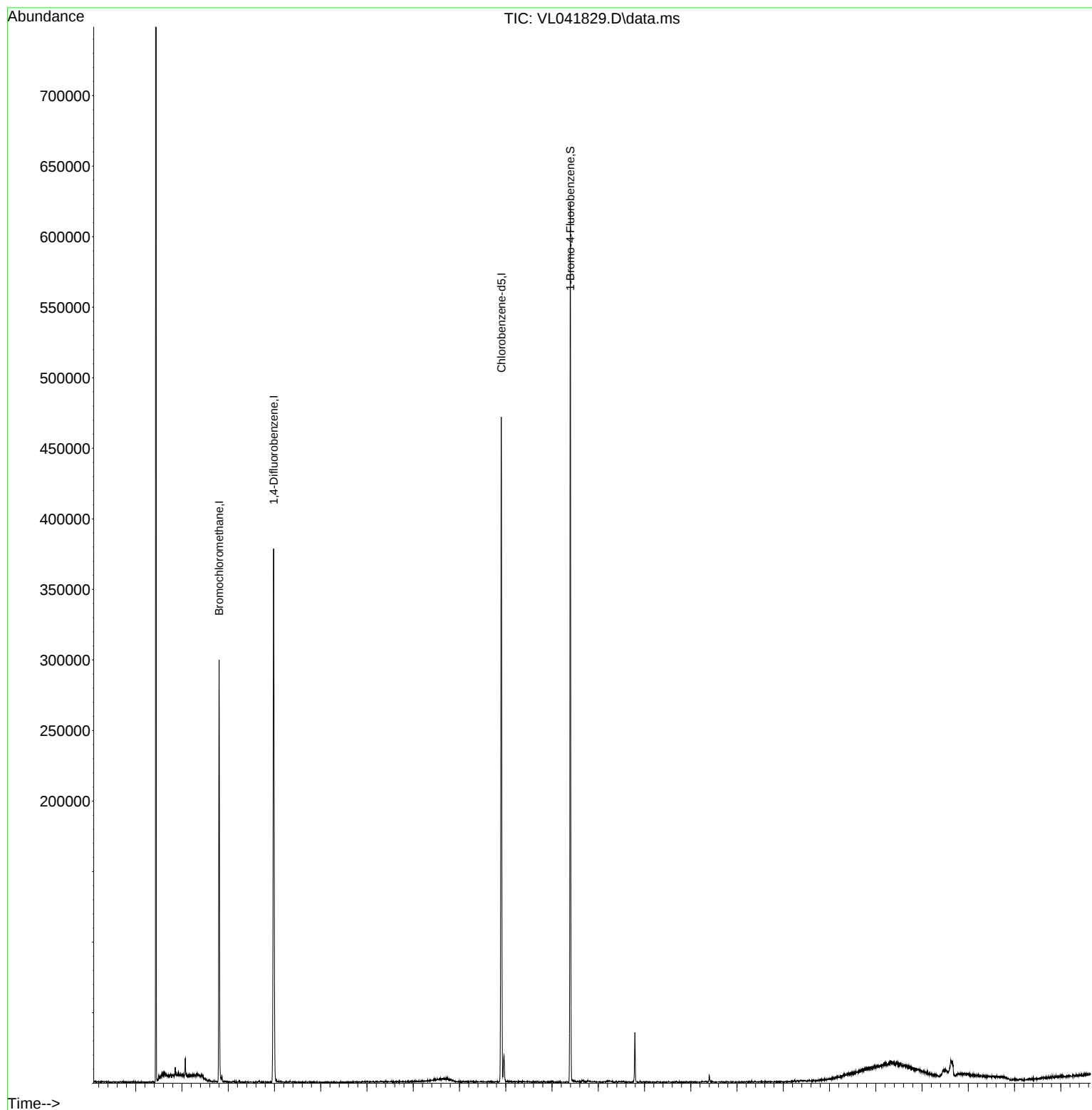
Target Compounds	Qvalue

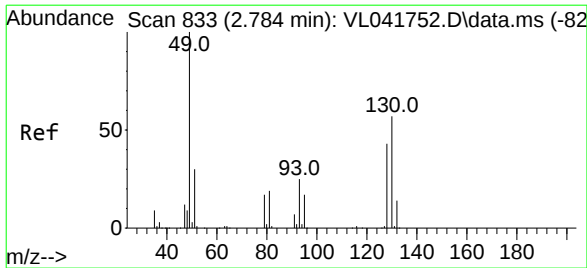
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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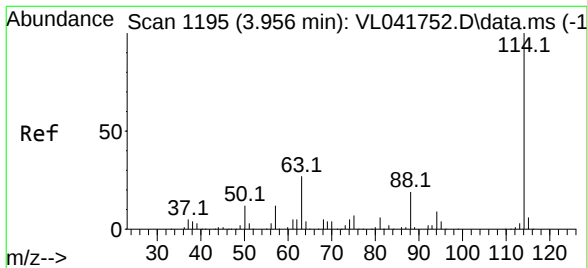
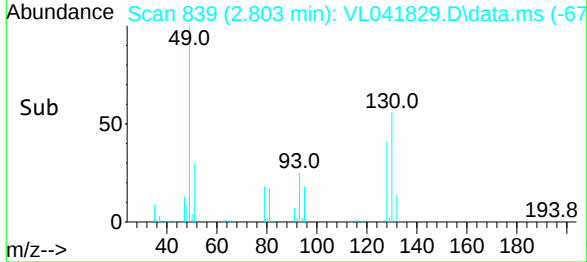
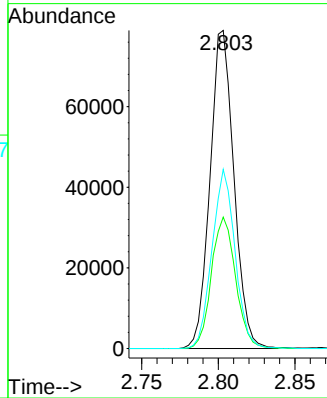
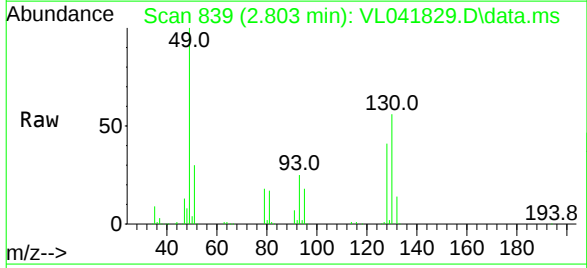




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 833
Delta R.T. 0.019 min
Lab File: VL041829.D
Acq: 03 Jan 2025 15:48

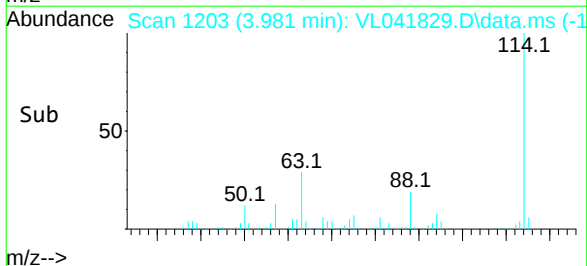
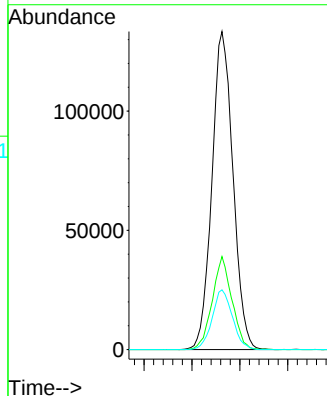
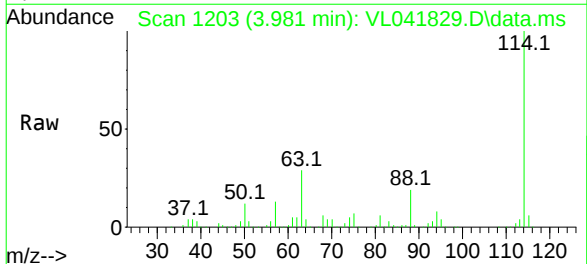
Instrument :
MSVOA_L
ClientSampleId :
VL0103ABL01

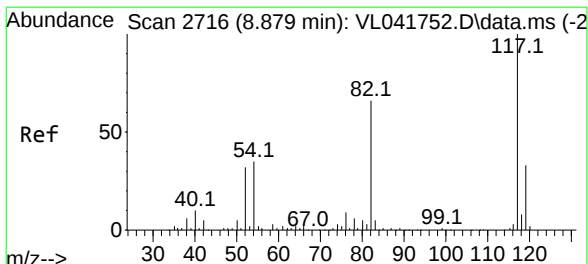
Tgt Ion: 49 Resp: 85723
Ion Ratio Lower Upper
49 100
128 41.8 21.6 64.6
130 54.3 28.3 85.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1203
Delta R.T. 0.026 min
Lab File: VL041829.D
Acq: 03 Jan 2025 15:48

Tgt Ion: 114 Resp: 203573
Ion Ratio Lower Upper
114 100
63 27.4 21.8 32.8
88 18.1 14.8 22.2



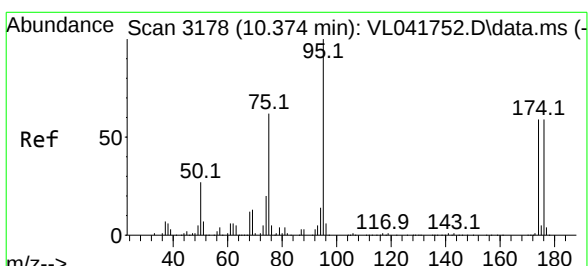
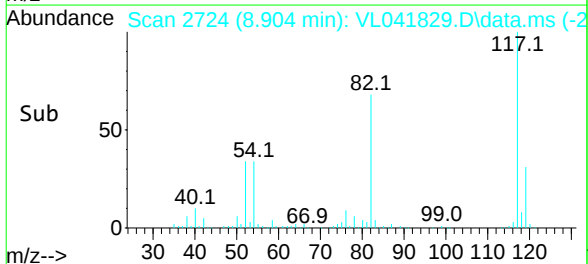
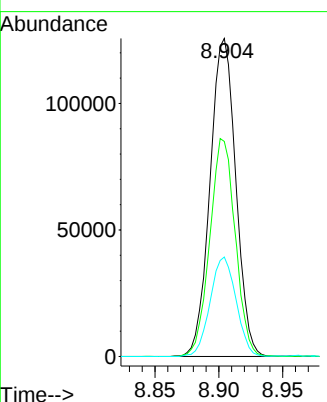
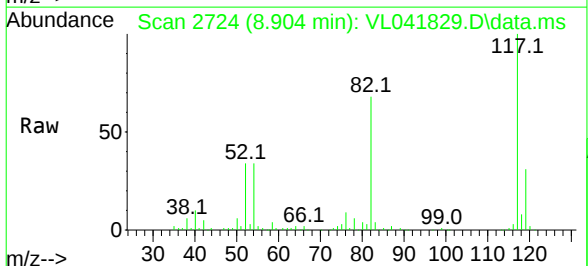


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.904 min Scan# 2716
 Delta R.T. 0.026 min
 Lab File: VL041829.D
 Acq: 03 Jan 2025 15:48

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0103ABL01

Tgt Ion: 117 Resp: 176522

Ion	Ratio	Lower	Upper
117	100		
82	67.7	53.8	80.8
119	31.7	26.7	40.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.679 ppbv
 RT: 10.396 min Scan# 3185
 Delta R.T. 0.022 min
 Lab File: VL041829.D
 Acq: 03 Jan 2025 15:48

Tgt Ion: 95 Resp: 142384

Ion	Ratio	Lower	Upper
95	100		
174	58.5	47.6	71.4
175	4.7	3.7	5.5

