

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042088.D
 Acq On : 03 Mar 2025 21:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 04 00:23:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

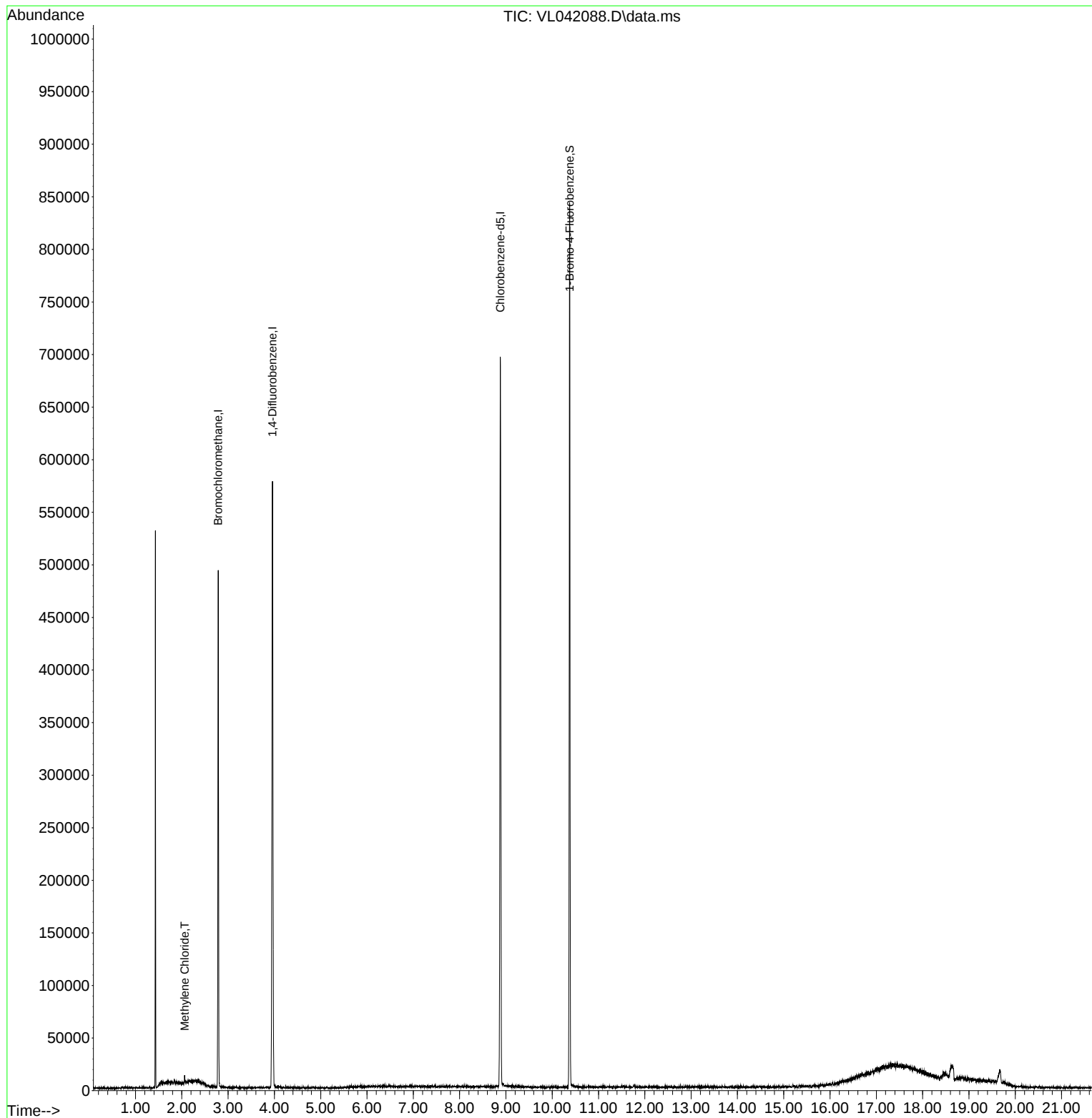
Internal Standards						
1) Bromochloromethane	2.787	49	148507	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.959	114	331344	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	281191	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	207687	9.600	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.000%
Target Compounds						
20) Methylene Chloride	2.062	84	902	0.182	ppbv	Qvalue 89

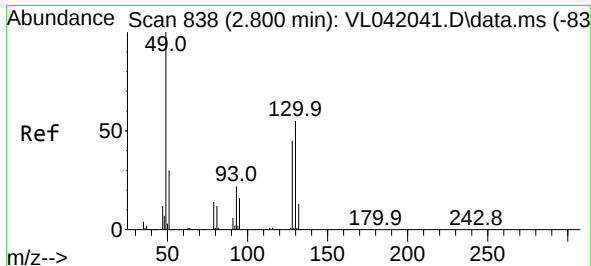
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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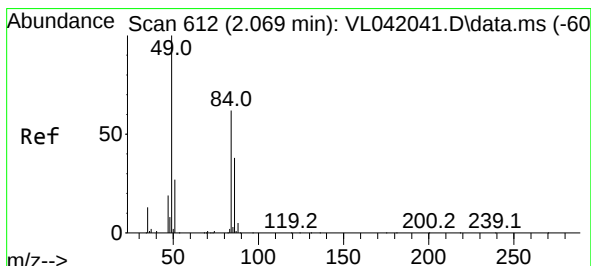
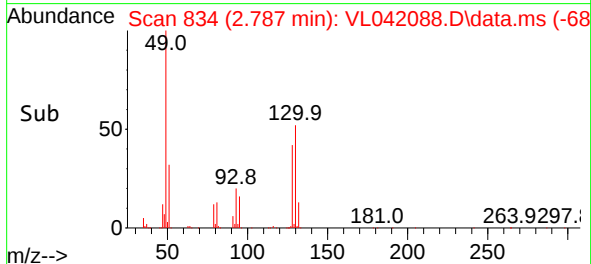
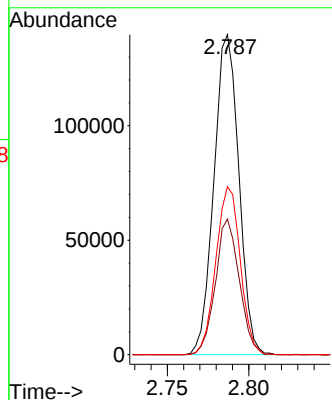
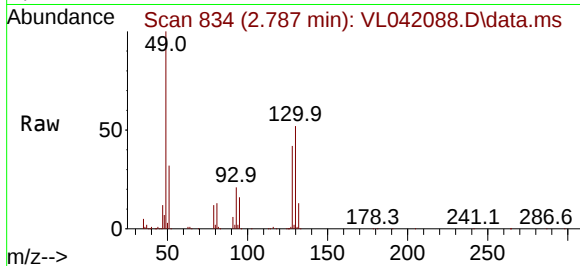




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042088.D
Acq: 03 Mar 2025 21:00

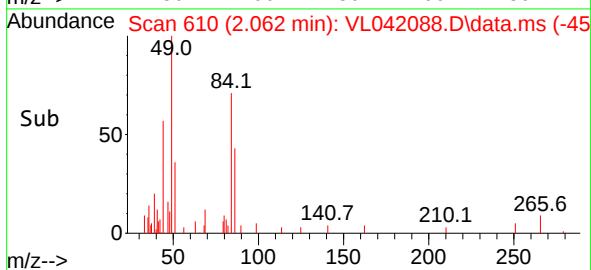
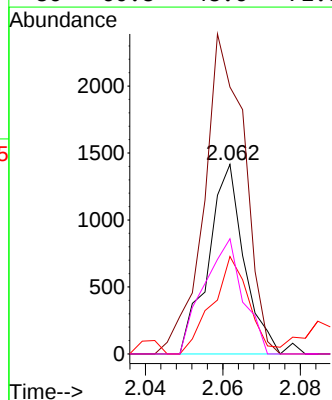
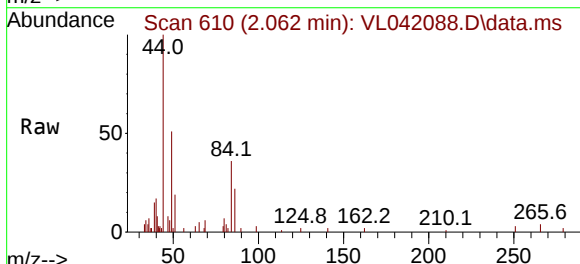
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

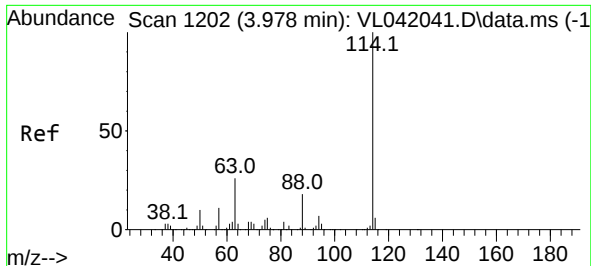
Tgt Ion: 49 Resp: 148507
Ion Ratio Lower Upper
49 100
128 40.7 21.6 64.8
130 51.5 27.8 83.4



#20
Methylene Chloride
Concen: 0.182 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.007 min
Lab File: VL042088.D
Acq: 03 Mar 2025 21:00

Tgt Ion: 84 Resp: 902
Ion Ratio Lower Upper
84 100
49 140.8 130.0 195.0
51 51.4 37.4 56.0
86 60.8 48.6 72.8

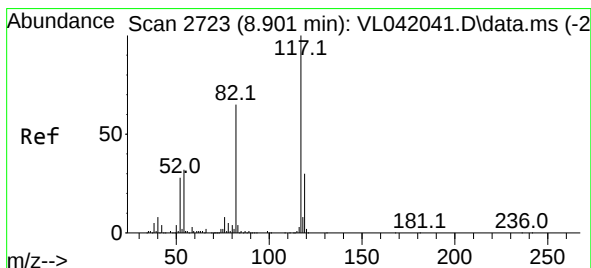
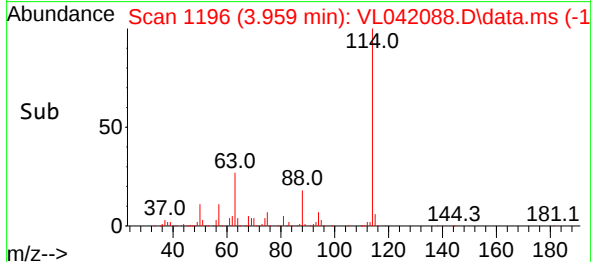
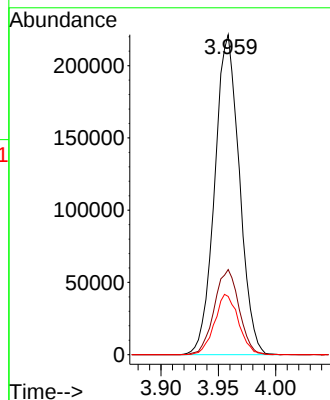
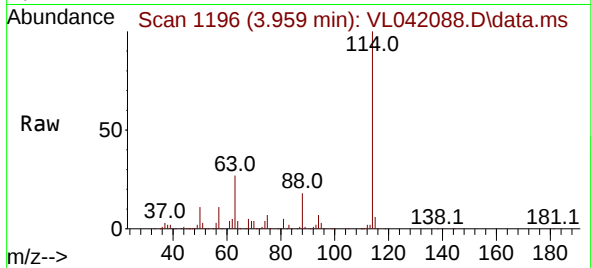




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.959 min Scan# 1196
 Delta R.T. -0.020 min
 Lab File: VL042088.D
 Acq: 03 Mar 2025 21:00

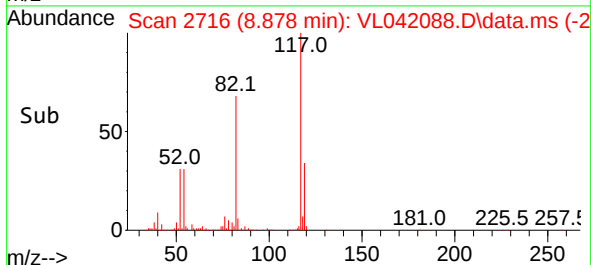
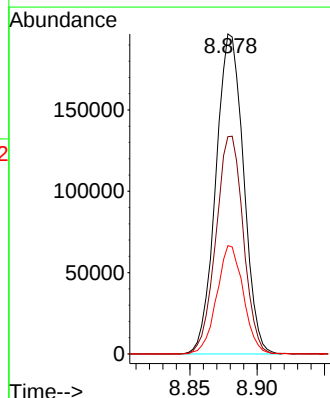
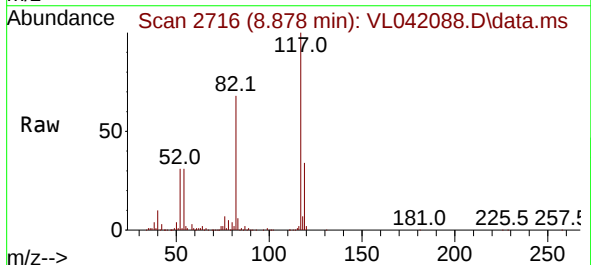
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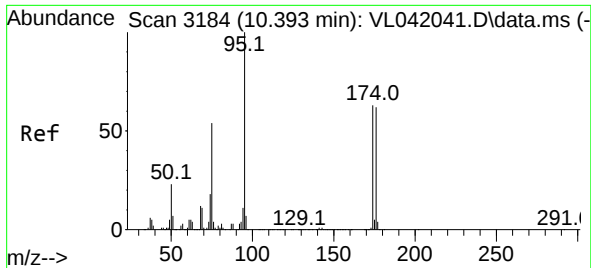
Tgt Ion:114 Resp: 331344
 Ion Ratio Lower Upper
 114 100
 63 26.7 20.1 30.1
 88 18.3 14.3 21.5



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.878 min Scan# 2716
 Delta R.T. -0.023 min
 Lab File: VL042088.D
 Acq: 03 Mar 2025 21:00

Tgt Ion:117 Resp: 281191
 Ion Ratio Lower Upper
 117 100
 82 67.3 55.0 82.6
 119 32.5 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.600 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: VL042088.D
 Acq: 03 Mar 2025 21:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 207687

Ion	Ratio	Lower	Upper
95	100		
174	62.2	51.8	77.6
175	4.5	3.9	5.9

