

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042384.D
 Acq On : 18 Apr 2025 10:54
 Operator : SY/MD
 Sample : VL0418ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABL01

Quant Time: Apr 18 22:56:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	137116	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	425910	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	379163	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	304890	9.785	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

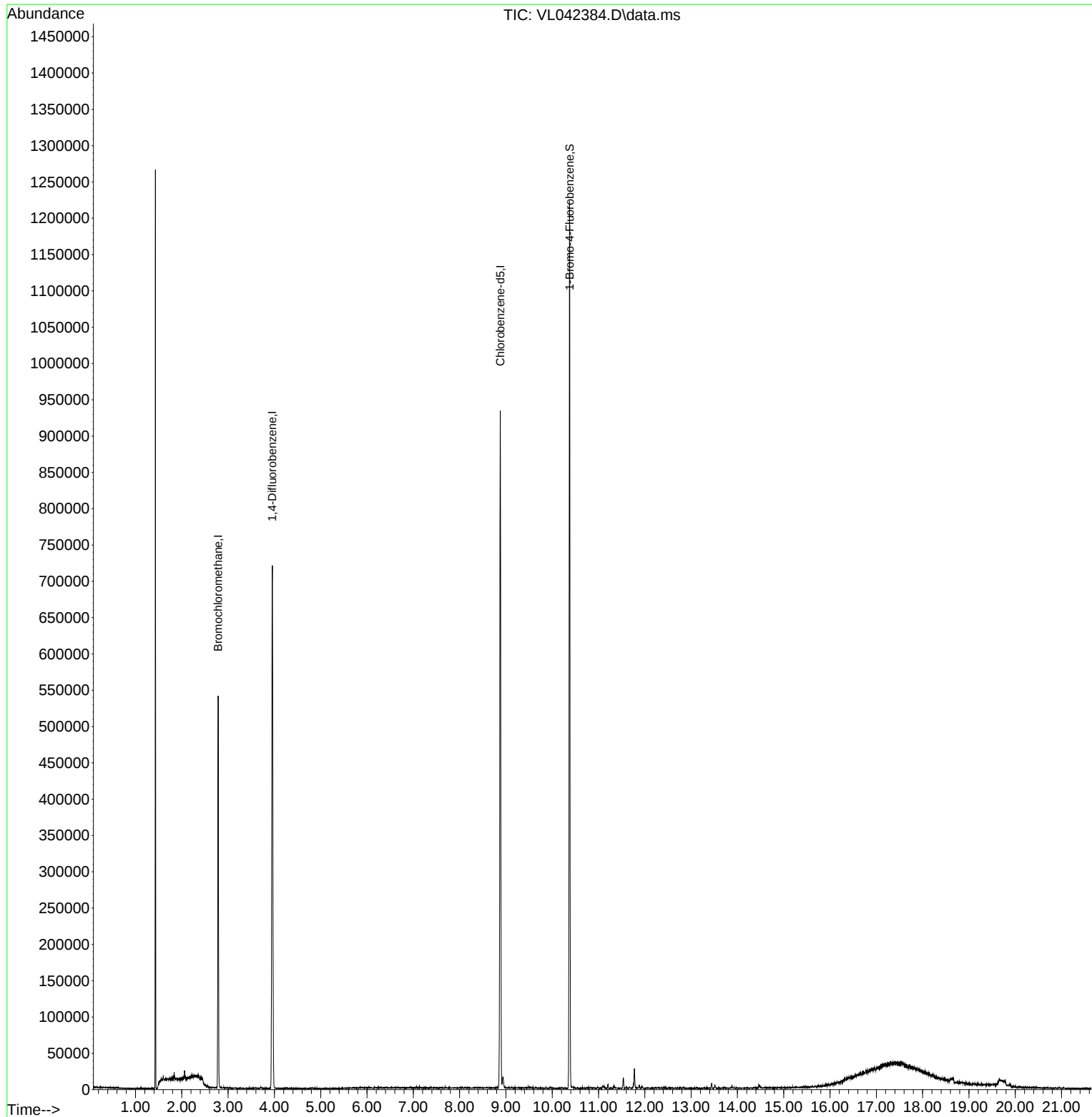
Target Compounds	Qvalue

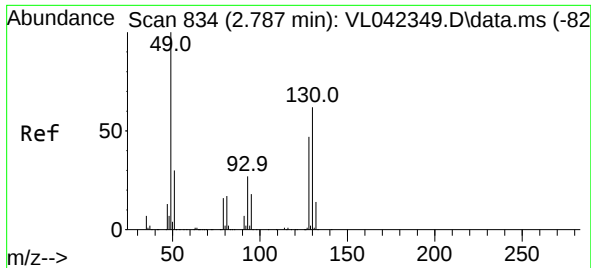
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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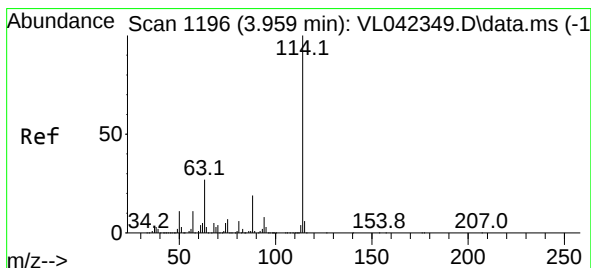
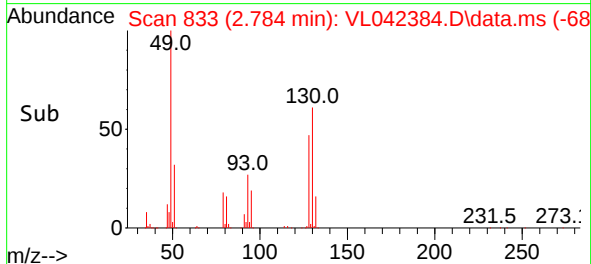
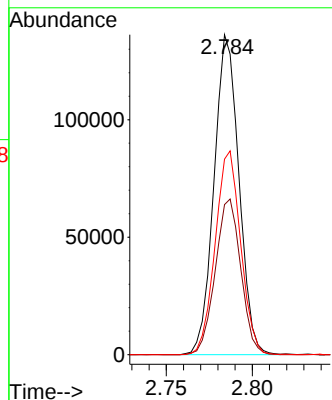
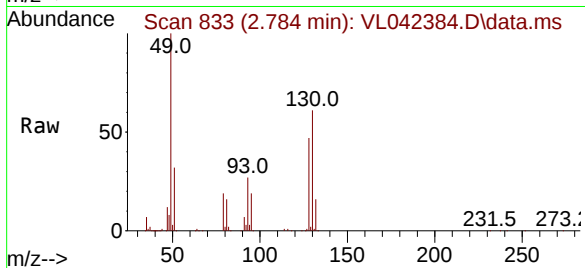




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042384.D
 Acq: 18 Apr 2025 10:54

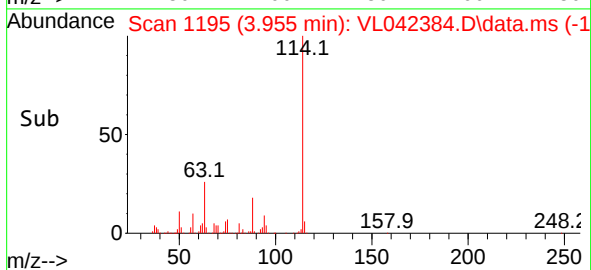
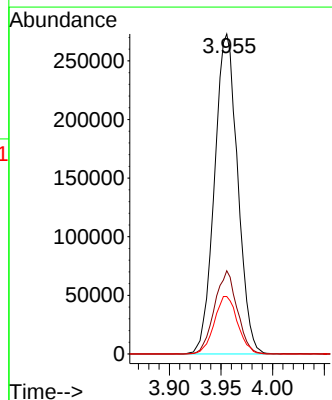
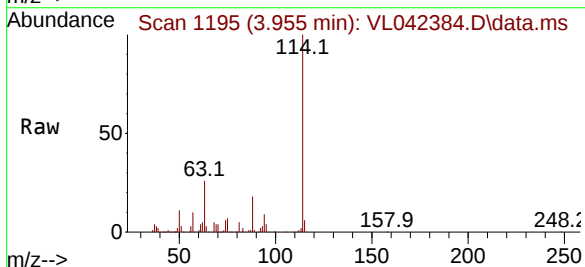
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0418ABL01

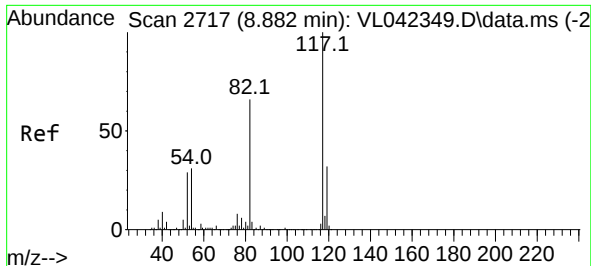
Tgt Ion: 49 Resp: 137116
 Ion Ratio Lower Upper
 49 100
 128 49.8 22.8 68.4
 130 65.2 29.3 88.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.955 min Scan# 1195
 Delta R.T. -0.003 min
 Lab File: VL042384.D
 Acq: 18 Apr 2025 10:54

Tgt Ion: 114 Resp: 425910
 Ion Ratio Lower Upper
 114 100
 63 25.5 21.8 32.6
 88 18.1 15.5 23.3

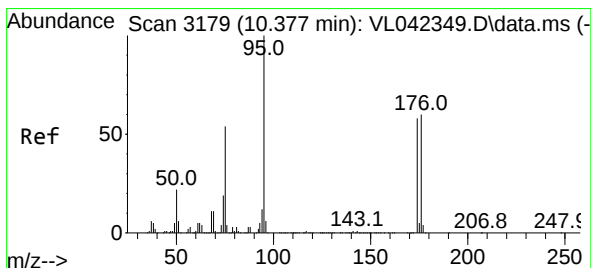
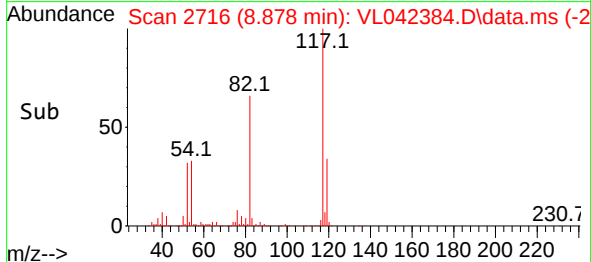
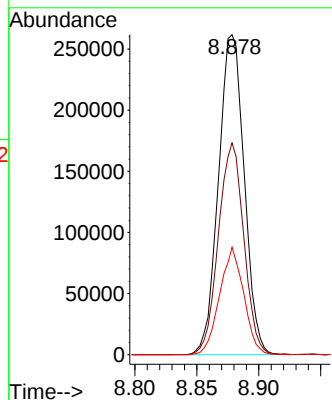
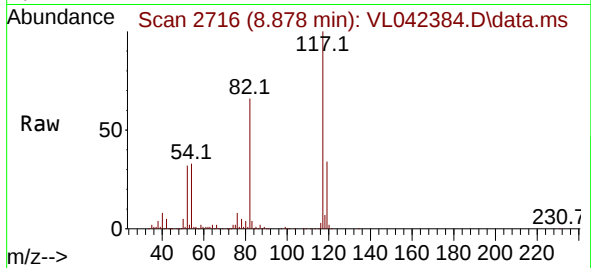




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042384.D
Acq: 18 Apr 2025 10:54

Instrument :
MSVOA_L
ClientSampleId :
VL0418ABL01

Tgt Ion:117 Resp: 379163
Ion Ratio Lower Upper
117 100
82 65.4 57.8 86.6
119 31.4 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.785 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.003 min
Lab File: VL042384.D
Acq: 18 Apr 2025 10:54

Tgt Ion: 95 Resp: 304890
Ion Ratio Lower Upper
95 100
174 61.8 48.5 72.7
175 4.6 3.7 5.5

