

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042396.D
 Acq On : 21 Apr 2025 09:28
 Operator : SY/MD
 Sample : VL0421ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0421ABL01

Quant Time: Apr 22 02:50:57 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	120411	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	341628	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	293743	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.374	95	252683	10.468	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.700%

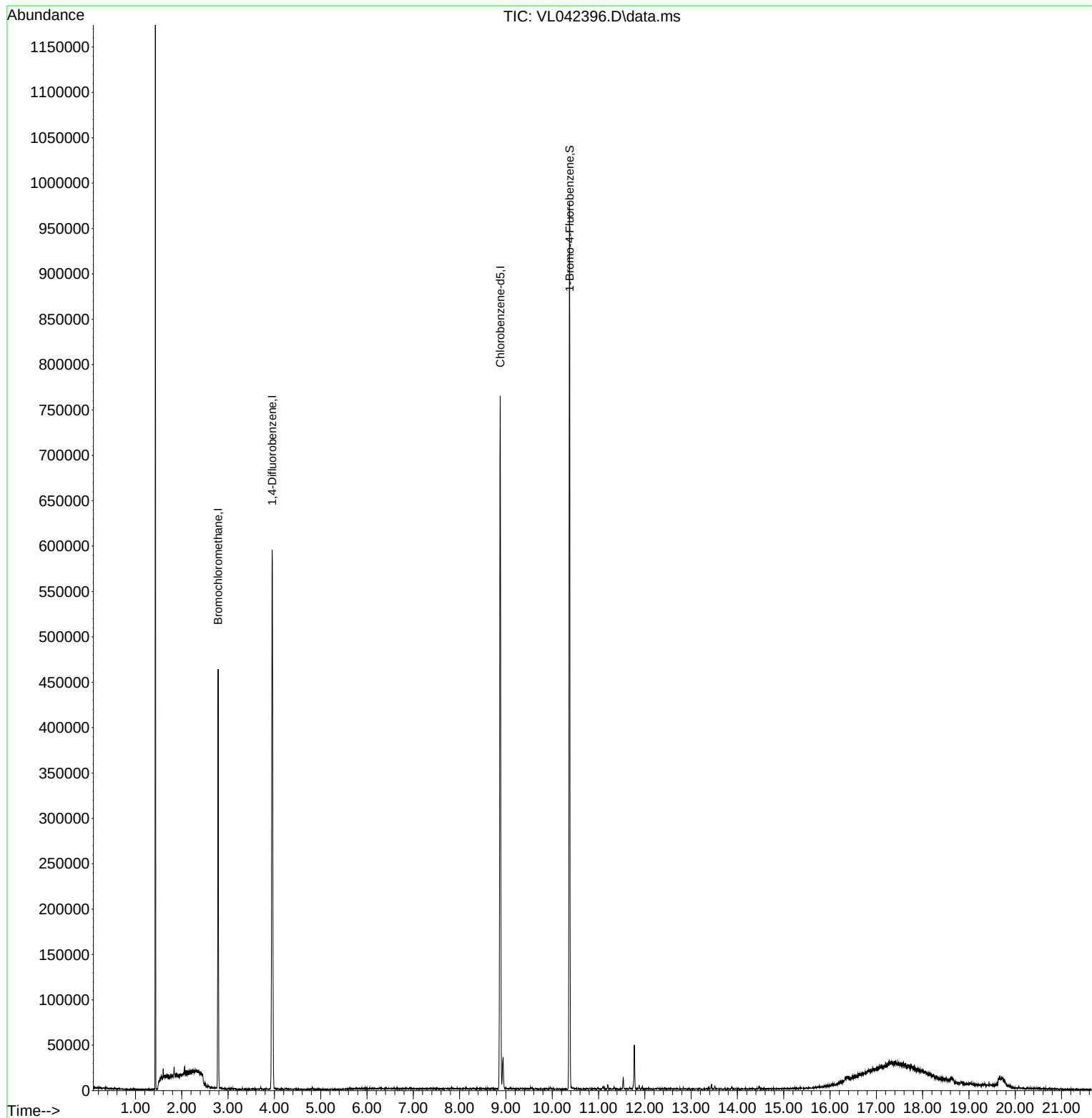
Target Compounds	Qvalue

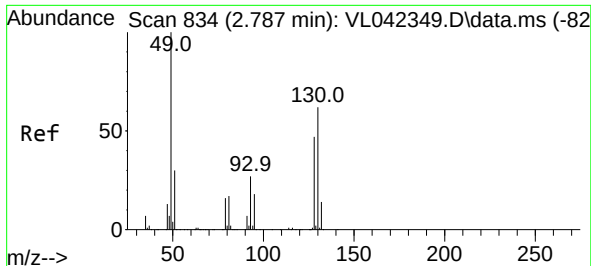
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
Data File : VL042396.D
Acq On : 21 Apr 2025 09:28
Operator : SY/MD
Sample : VL0421ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0421ABL01

Quant Time: Apr 22 02:50:57 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

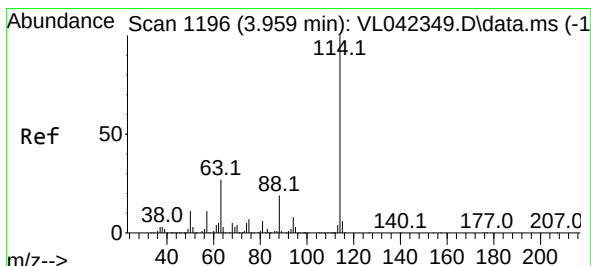
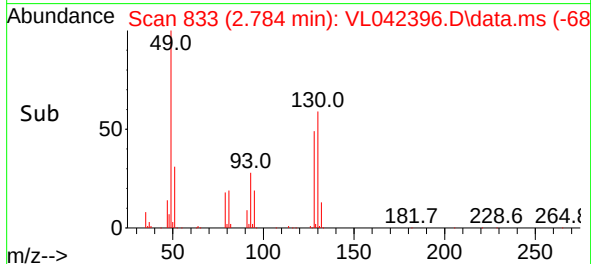
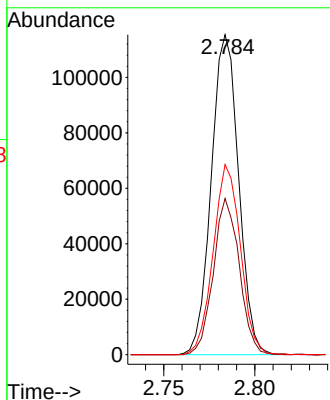
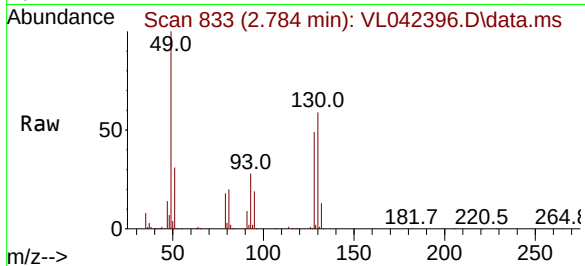




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042396.D
 Acq: 21 Apr 2025 09:28

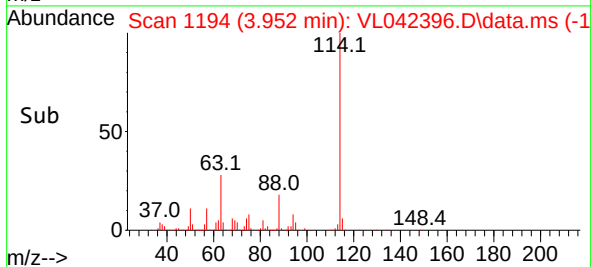
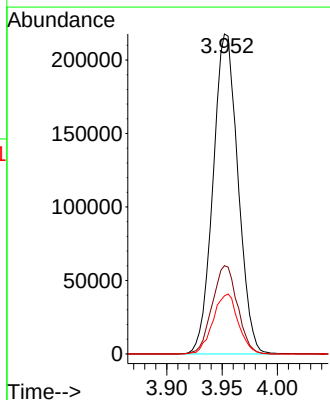
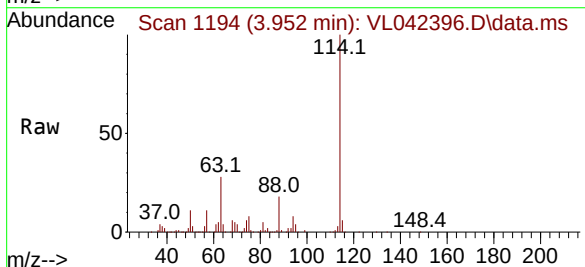
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0421ABL01

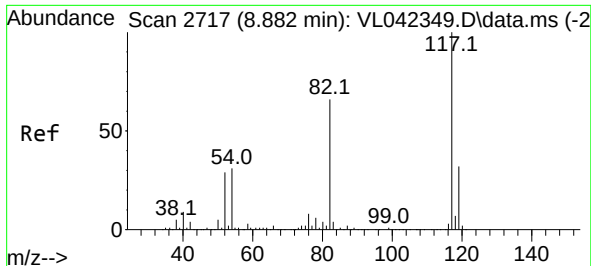
Tgt Ion: 49 Resp: 120411
 Ion Ratio Lower Upper
 49 100
 128 46.4 22.8 68.4
 130 59.3 29.3 88.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.952 min Scan# 1194
 Delta R.T. -0.007 min
 Lab File: VL042396.D
 Acq: 21 Apr 2025 09:28

Tgt Ion: 114 Resp: 341628
 Ion Ratio Lower Upper
 114 100
 63 27.9 21.8 32.6
 88 19.0 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: VL042396.D

Acq: 21 Apr 2025 09:28

Instrument :

MSVOA_1

ClientSampleId :

VL0421ABL01

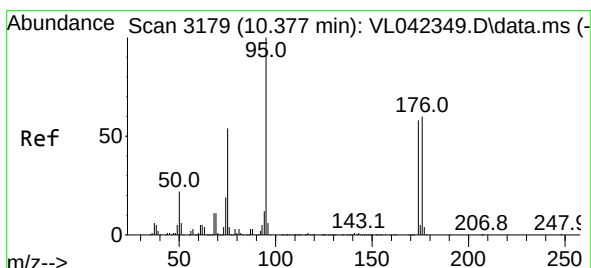
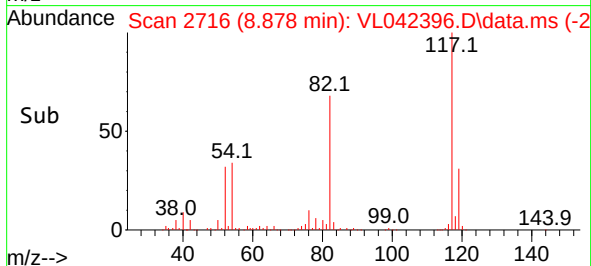
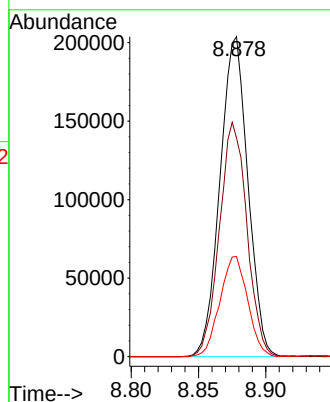
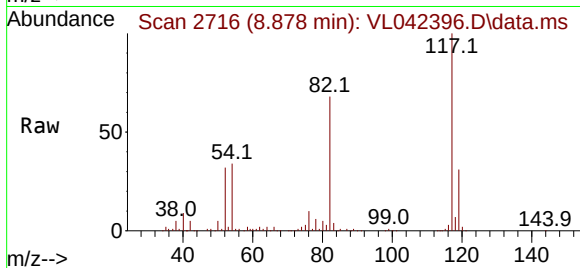
Tgt Ion:117 Resp: 293743

Ion Ratio Lower Upper

117 100

82 72.2 57.8 86.6

119 31.3 25.2 37.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.468 ppbv

RT: 10.374 min Scan# 3178

Delta R.T. -0.003 min

Lab File: VL042396.D

Acq: 21 Apr 2025 09:28

Tgt Ion: 95 Resp: 252683

Ion Ratio Lower Upper

95 100

174 53.1 48.5 72.7

175 4.0 3.7 5.5

