

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041821.D
 Acq On : 19 Dec 2024 15:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 20 01:44:39 2024
 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	2.790	49	81499	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	191750	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	160950	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	132478	9.877	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%

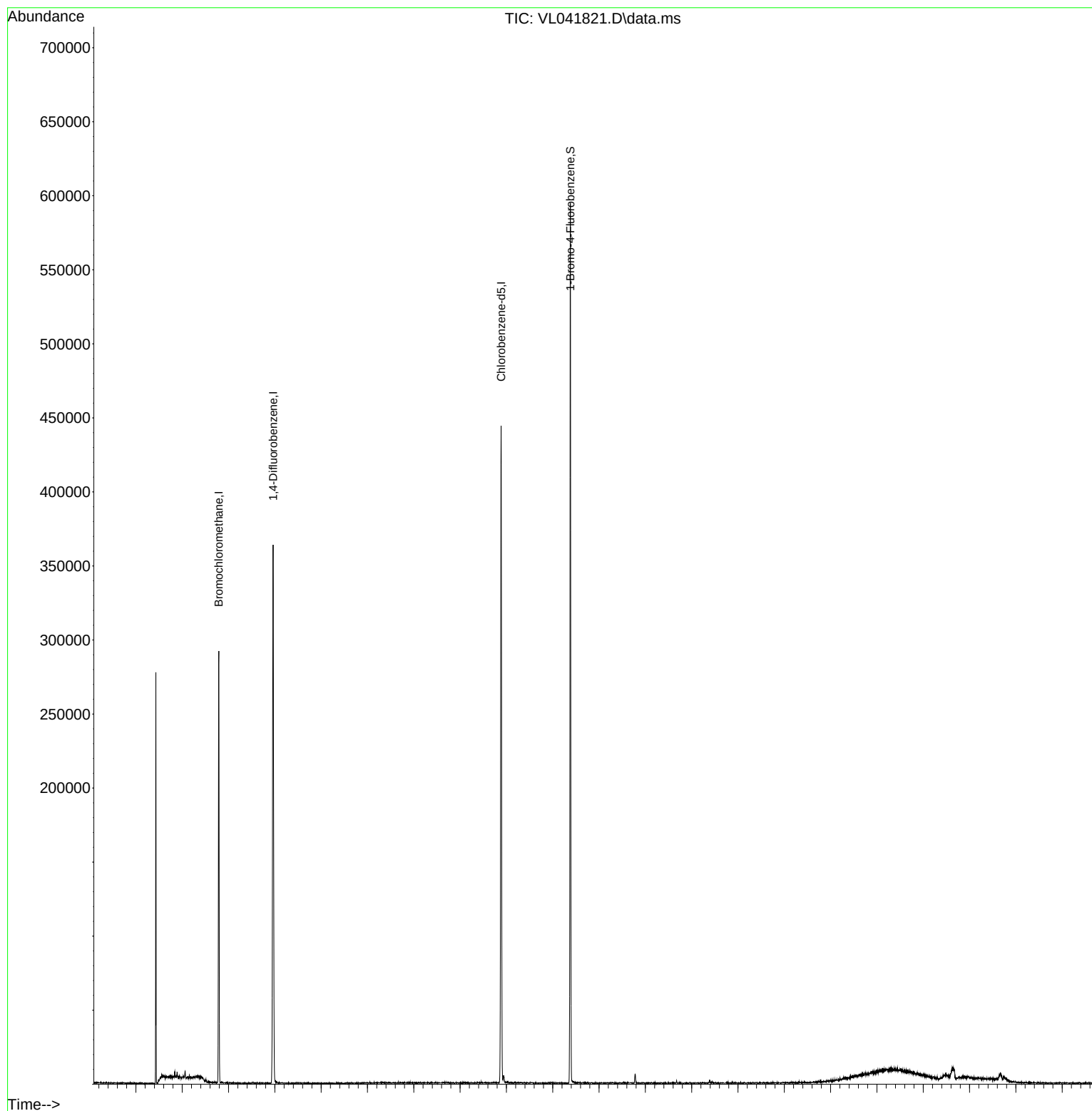
Target Compounds	Qvalue

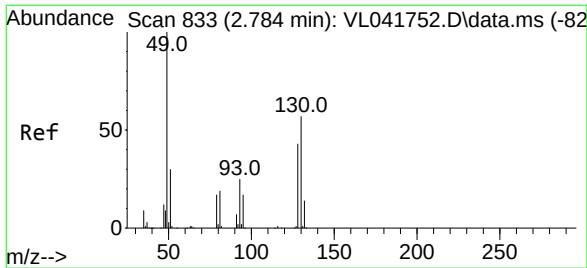
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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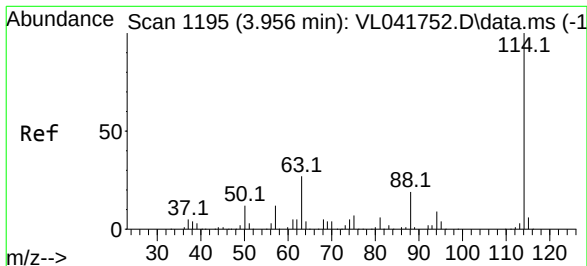
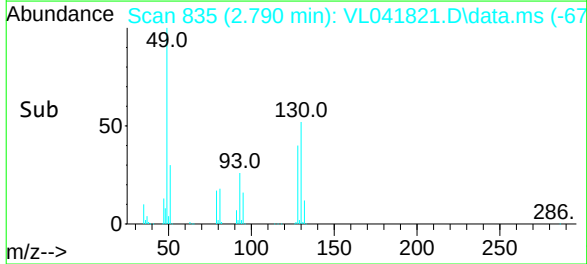
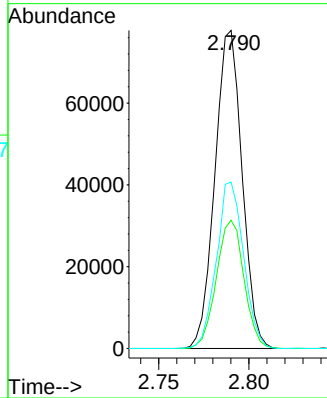
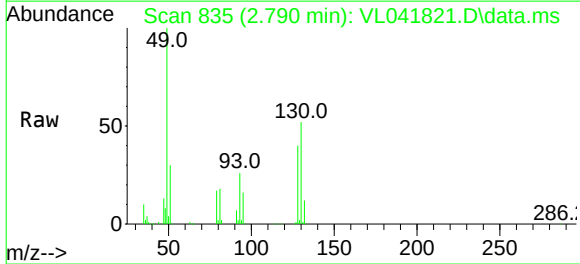




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 83
Delta R.T. 0.006 min
Lab File: VL041821.D
Acq: 19 Dec 2024 15:32

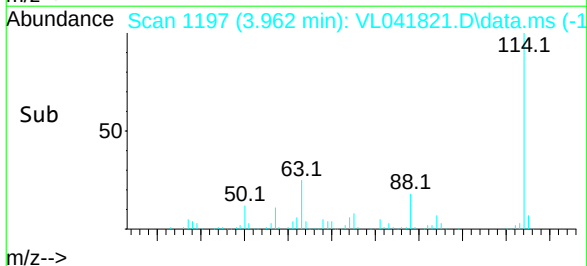
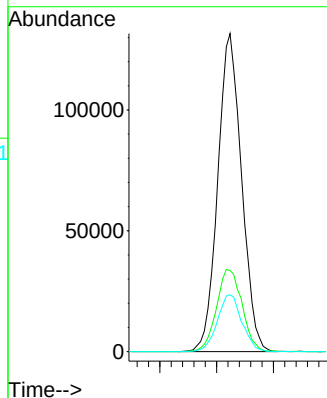
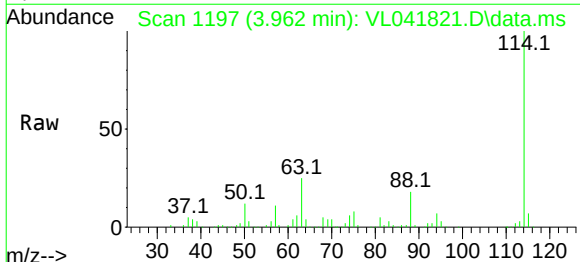
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

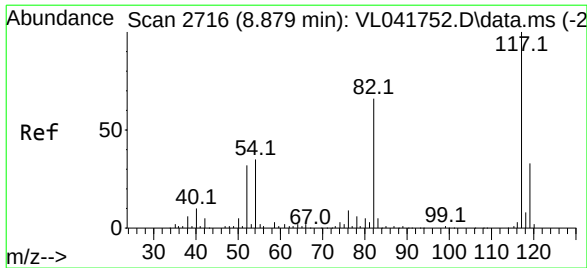
Tgt Ion: 49 Resp: 81499
Ion Ratio Lower Upper
49 100
128 40.9 21.6 64.6
130 52.5 28.3 85.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.006 min
Lab File: VL041821.D
Acq: 19 Dec 2024 15:32

Tgt Ion: 114 Resp: 191750
Ion Ratio Lower Upper
114 100
63 27.7 21.8 32.8
88 18.4 14.8 22.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2716

Delta R.T. 0.006 min

Lab File: VL041821.D

Acq: 19 Dec 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

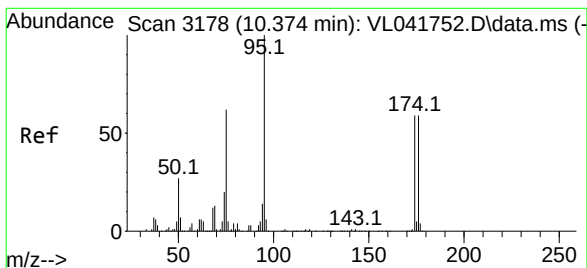
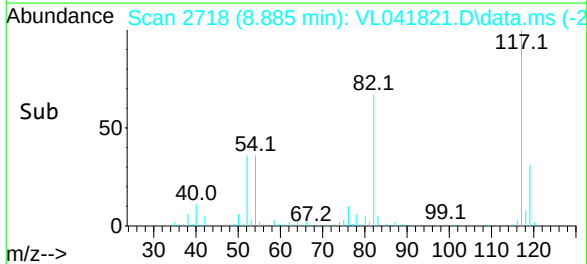
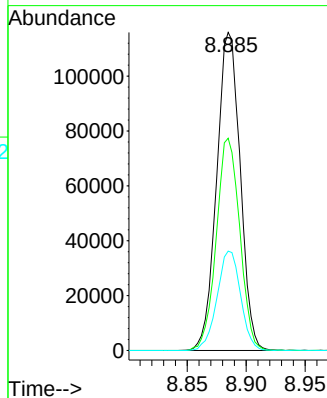
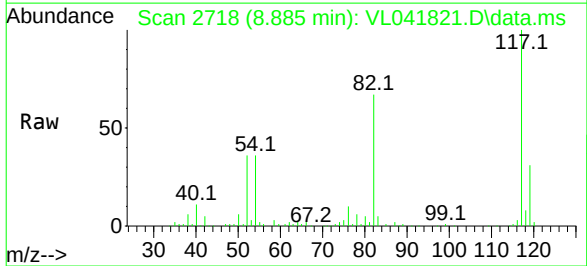
Tgt Ion:117 Resp: 160950

Ion Ratio Lower Upper

117 100

82 66.6 53.8 80.8

119 31.3 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.877 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.006 min

Lab File: VL041821.D

Acq: 19 Dec 2024 15:32

Tgt Ion: 95 Resp: 132478

Ion Ratio Lower Upper

95 100

174 57.0 47.6 71.4

175 4.4 3.7 5.5

