

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040193.D
 Acq On : 21 Feb 2023 13:37
 Operator : SY/MD
 Sample : VL0221ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABL01

Quant Time: Feb 22 03:21:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	836567	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2267248	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	1929570	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1468578	9.256	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.600%

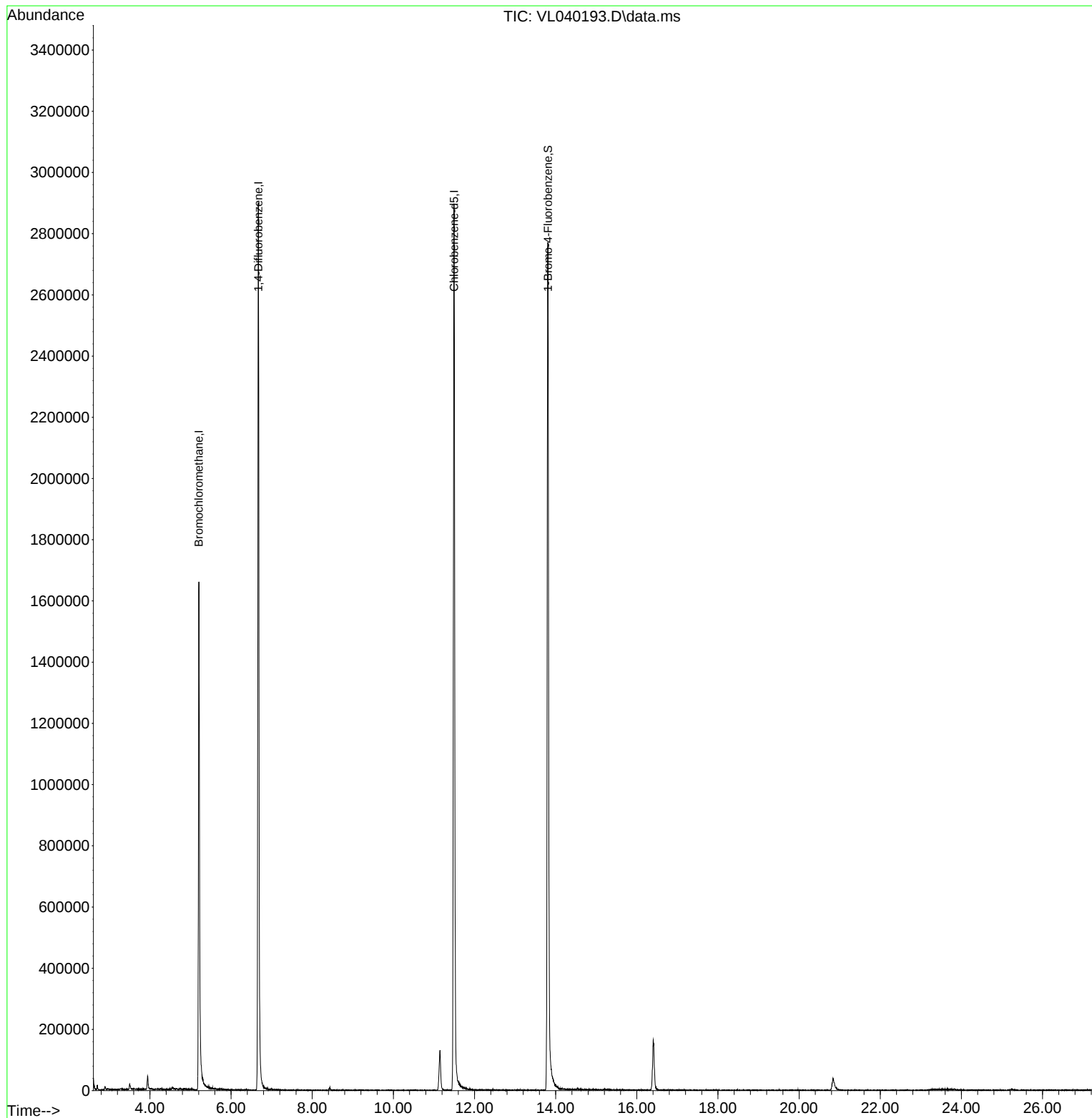
Target Compounds	Qvalue

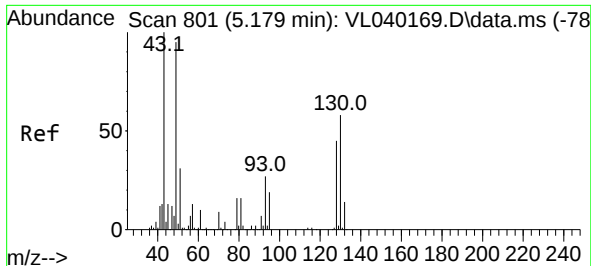
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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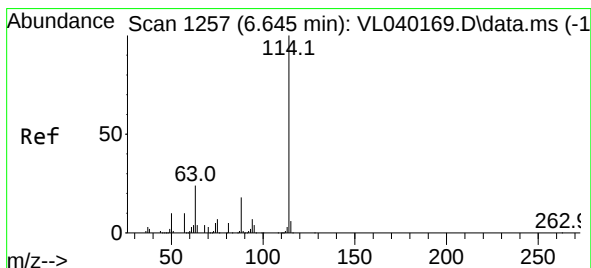
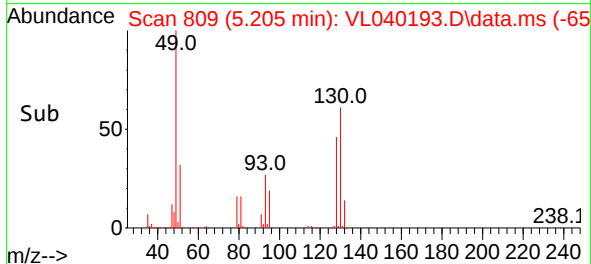
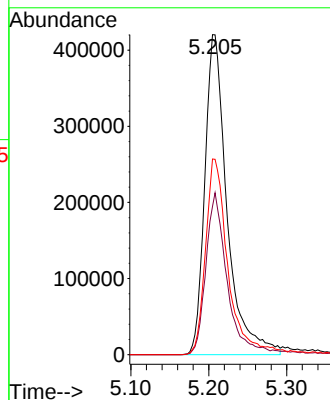
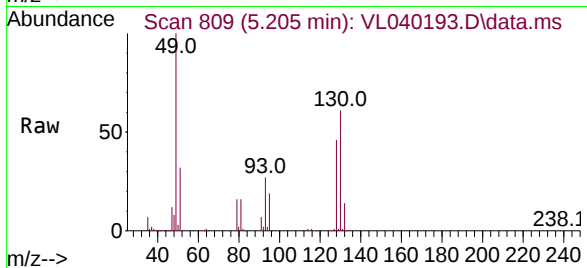




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 801
Delta R.T. -0.000 min
Lab File: VL040193.D
Acq: 21 Feb 2023 13:37

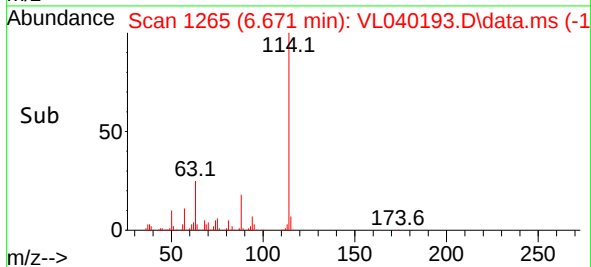
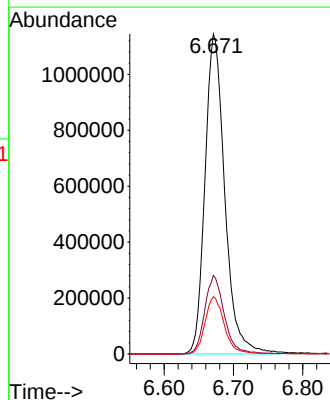
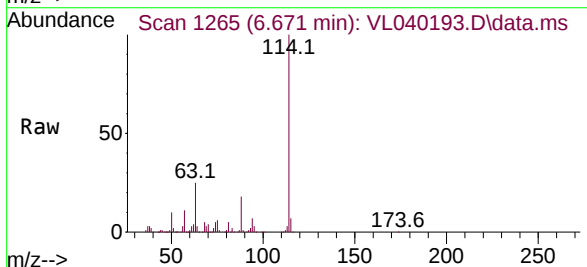
Instrument :
MSVOA_1
ClientSampleId :
VL0221ABL01

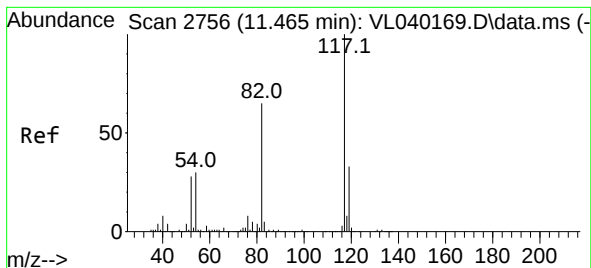
Tgt Ion: 49 Resp: 836567
Ion Ratio Lower Upper
49 100
128 49.8 24.1 72.3
130 63.5 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. -0.003 min
Lab File: VL040193.D
Acq: 21 Feb 2023 13:37

Tgt Ion: 114 Resp: 2267248
Ion Ratio Lower Upper
114 100
63 24.4 20.4 30.6
88 17.6 14.3 21.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040193.D

Acq: 21 Feb 2023 13:37

Instrument :

MSVOA_1

ClientSampleId :

VL0221ABL01

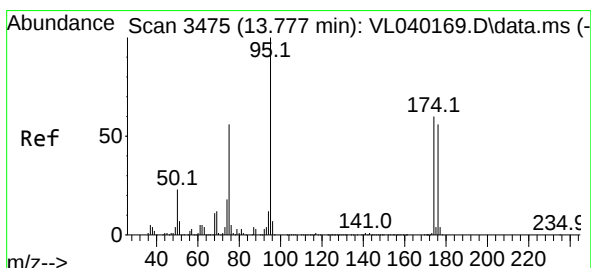
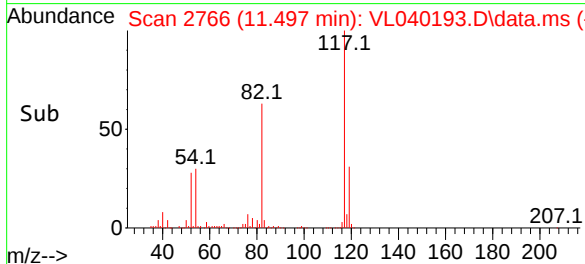
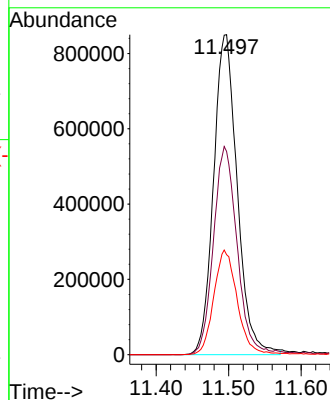
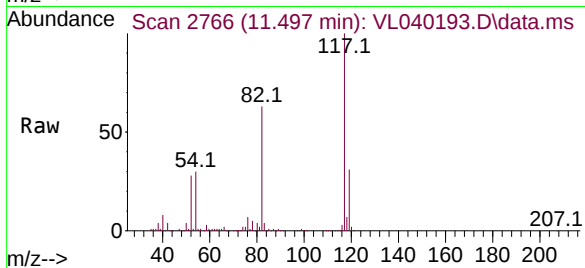
Tgt Ion:117 Resp: 1929570

Ion Ratio Lower Upper

117 100

82 65.7 53.3 79.9

119 32.8 24.6 37.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.256 ppbv

RT: 13.809 min Scan# 3485

Delta R.T. 0.003 min

Lab File: VL040193.D

Acq: 21 Feb 2023 13:37

Tgt Ion: 95 Resp: 1468578

Ion Ratio Lower Upper

95 100

174 60.3 48.2 72.2

175 4.2 3.4 5.2

