

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040109.D
 Acq On : 19 Jan 2023 12:19
 Operator : SY/MD
 Sample : QC011823 CAN 10046
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC011823 CAN 10046

Quant Time: Jan 20 02:05:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1126420	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2921181	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2578487	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2069004	9.655	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%

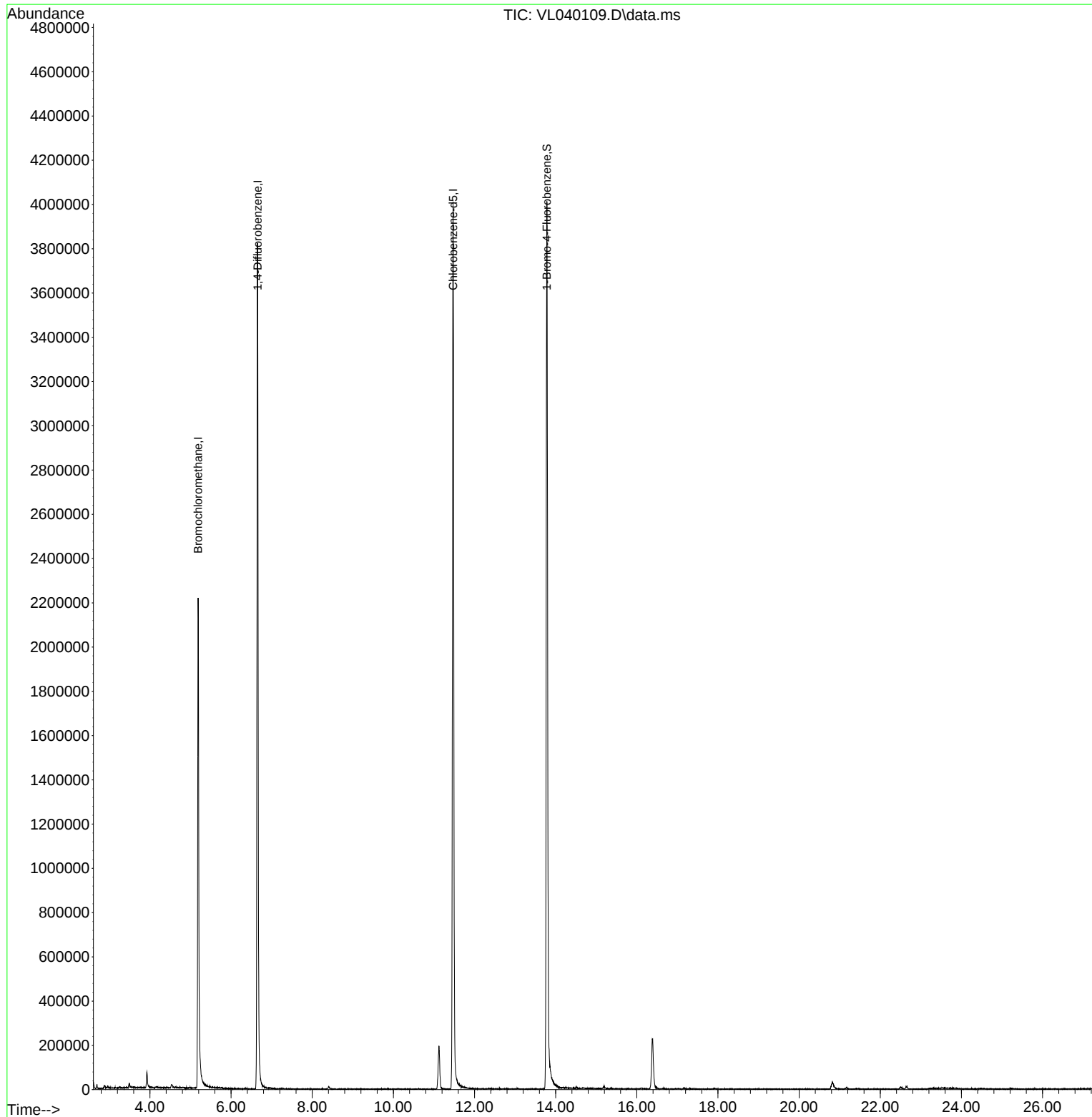
Target Compounds	Qvalue

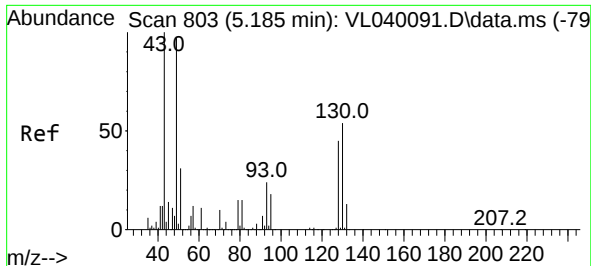
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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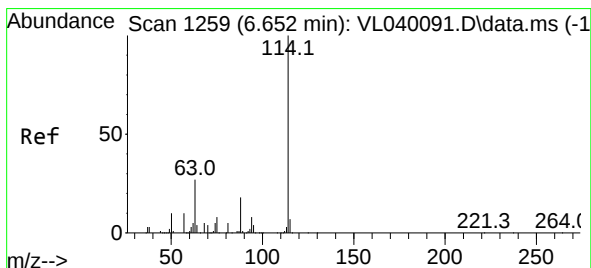
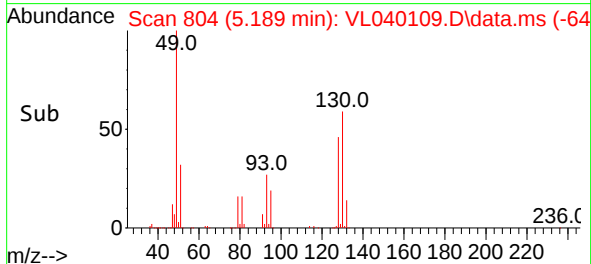
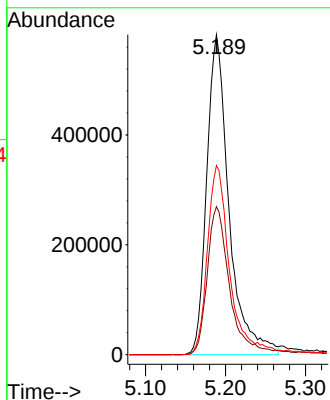
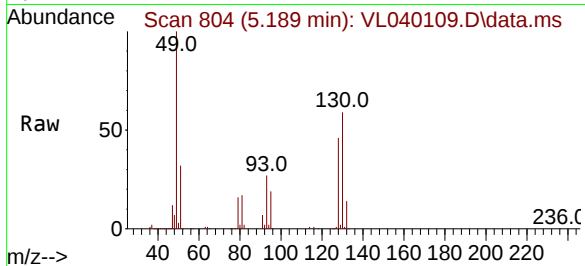




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 803
Delta R.T. 0.004 min
Lab File: VL040109.D
Acq: 19 Jan 2023 12:19

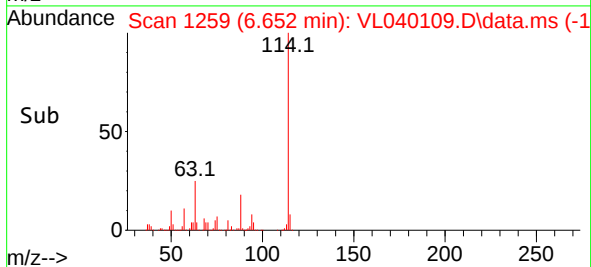
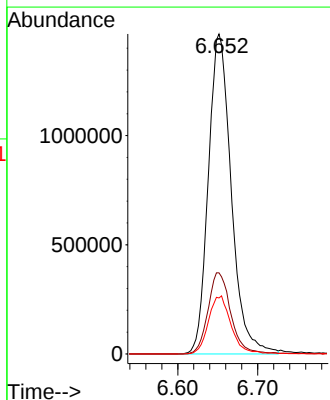
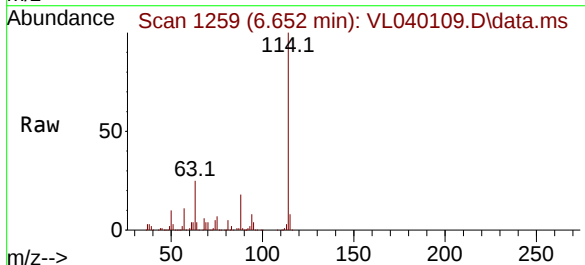
Instrument :
MSVOA_L
ClientSampleId :
QC011823 CAN 10046

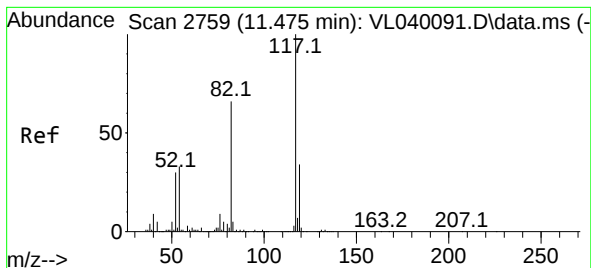
Tgt Ion: 49 Resp: 1126420
Ion Ratio Lower Upper
49 100
128 48.5 23.6 71.0
130 61.7 29.8 89.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL040109.D
Acq: 19 Jan 2023 12:19

Tgt Ion: 114 Resp: 2921181
Ion Ratio Lower Upper
114 100
63 25.6 21.8 32.8
88 18.1 14.8 22.2

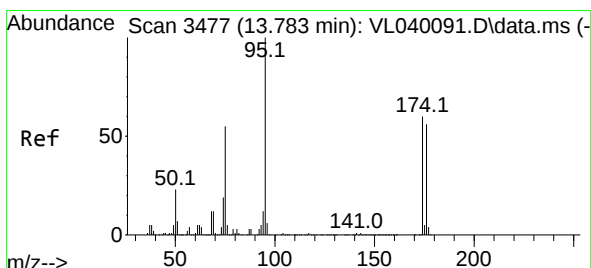
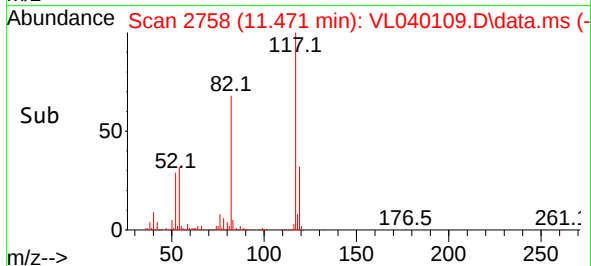
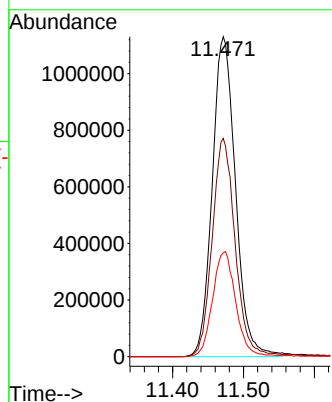
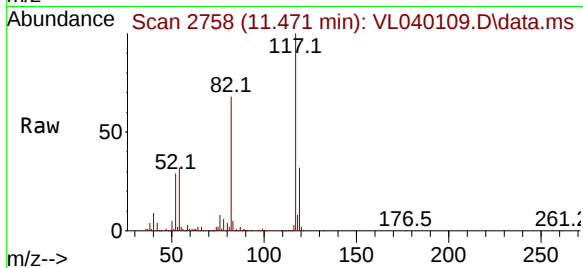




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040109.D
Acq: 19 Jan 2023 12:19

Instrument :
MSVOA_1
ClientSampleId :
QC011823 CAN 10046

Tgt Ion:117 Resp: 2578487
Ion Ratio Lower Upper
117 100
82 68.0 54.4 81.6
119 33.0 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.655 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040109.D
Acq: 19 Jan 2023 12:19

Tgt Ion: 95 Resp: 2069004
Ion Ratio Lower Upper
95 100
174 61.3 47.7 71.5
175 4.1 3.4 5.2

