

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021323\
 Data File : VL040166.D
 Acq On : 13 Feb 2023 18:48
 Operator : SY/MD
 Sample : QC020823 CAN 10410
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC020823 CAN 10410

Quant Time: Feb 14 01:48:41 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 : Tue Feb 14 01:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	930459	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2565502	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2192725	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1647903	9.043	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.400%

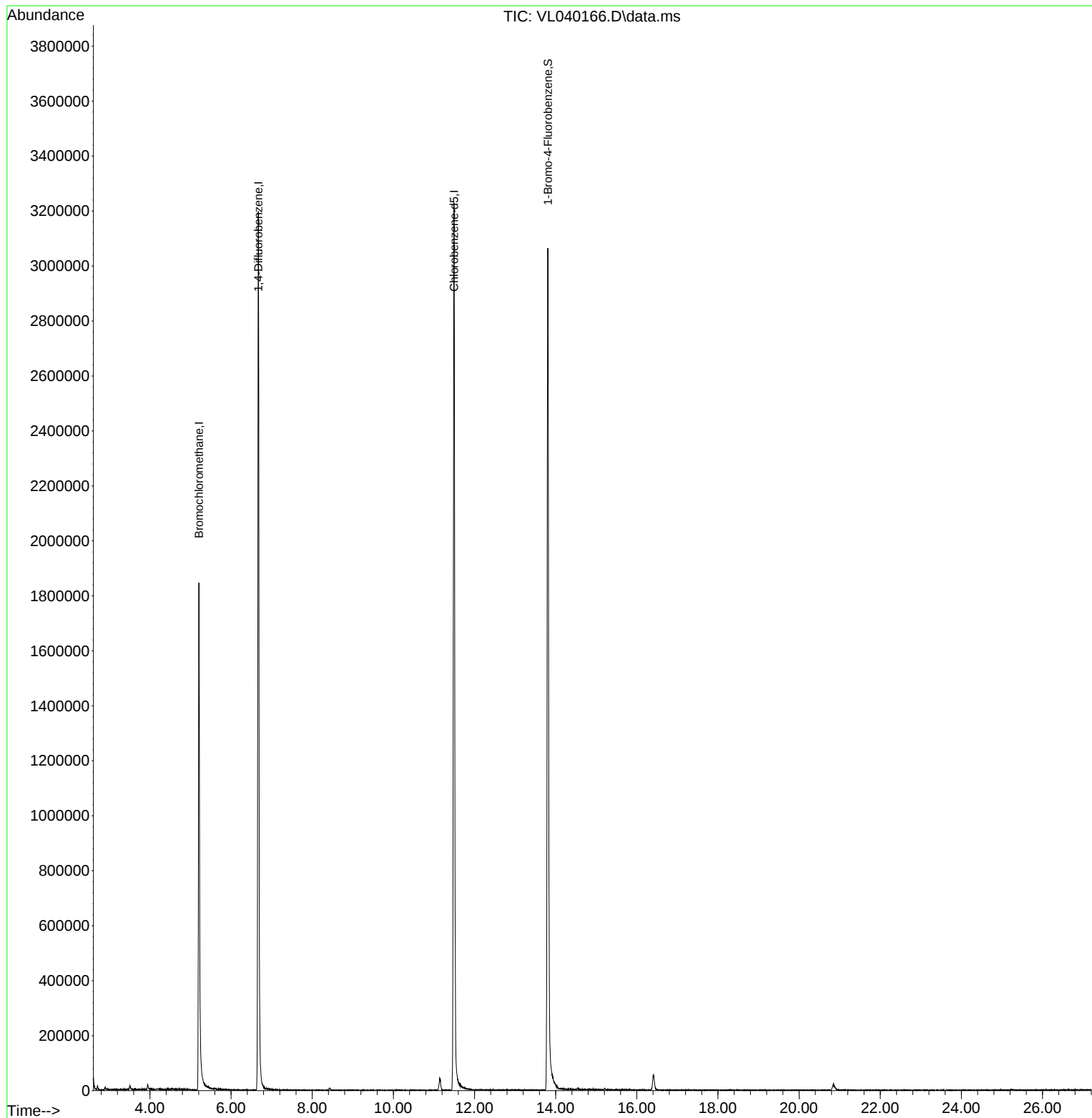
Target Compounds	Qvalue

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

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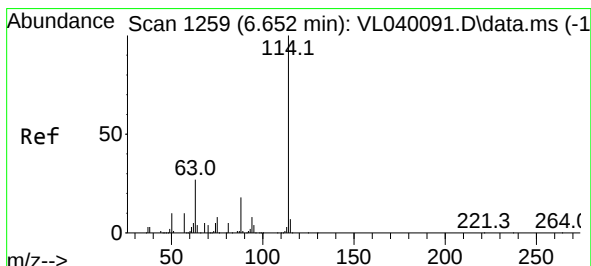
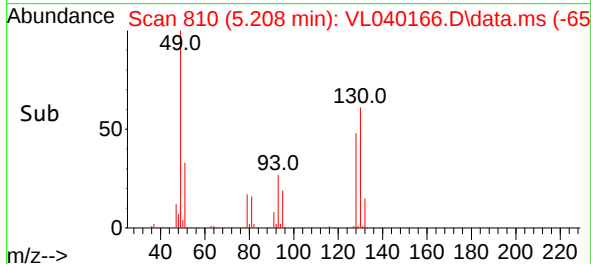
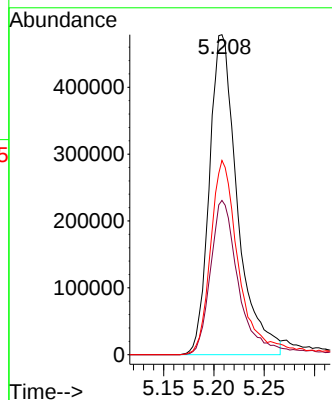
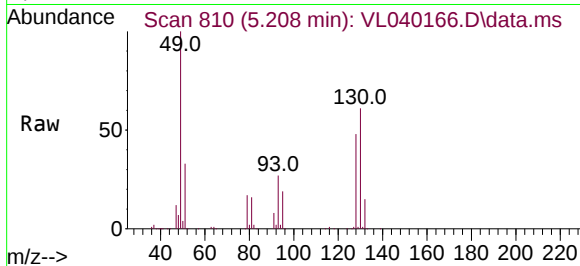




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL040166.D
Acq: 13 Feb 2023 18:48

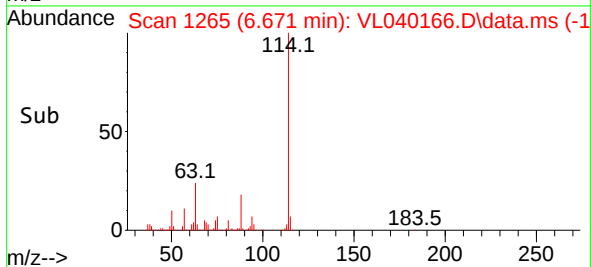
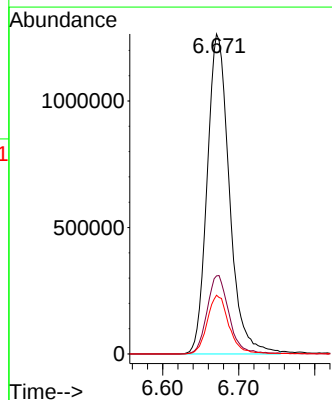
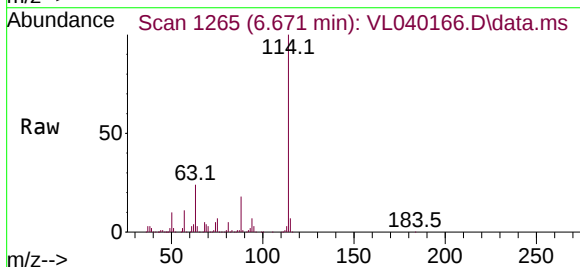
Instrument :
MSVOA_L
ClientSampleId :
QC020823 CAN 10410

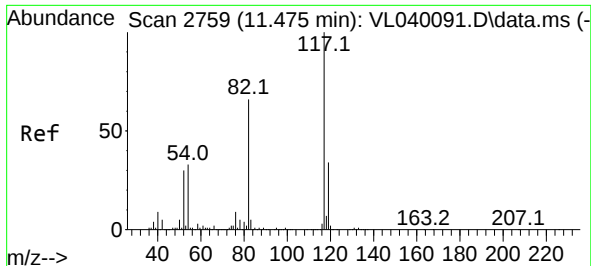
Tgt Ion: 49 Resp: 930459
Ion Ratio Lower Upper
49 100
128 50.0 23.6 71.0
130 63.7 29.8 89.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VL040166.D
Acq: 13 Feb 2023 18:48

Tgt Ion: 114 Resp: 2565502
Ion Ratio Lower Upper
114 100
63 24.5 21.8 32.8
88 18.1 14.8 22.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.494 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040166.D

Acq: 13 Feb 2023 18:48

Instrument :

MSVOA_L

ClientSampleId :

QC020823 CAN 10410

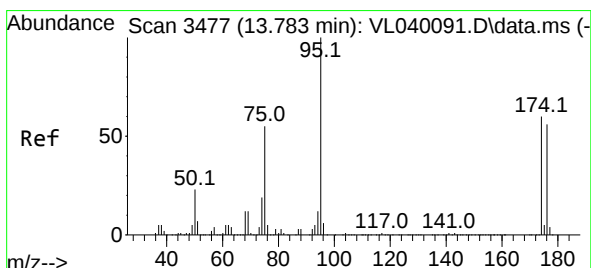
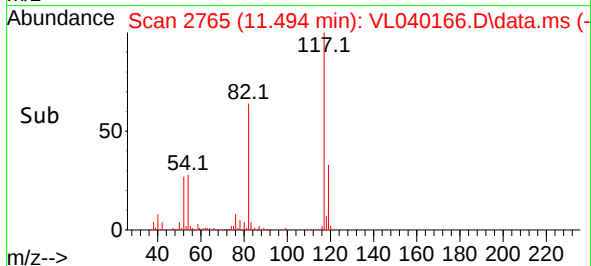
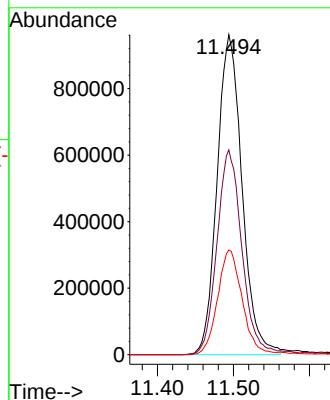
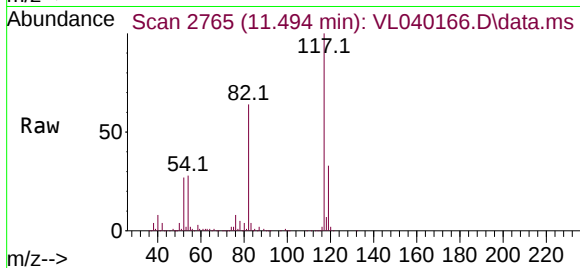
Tgt Ion:117 Resp: 2192725

Ion Ratio Lower Upper

117 100

82 64.7 54.4 81.6

119 32.7 26.8 40.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.043 ppbv

RT: 13.809 min Scan# 3485

Delta R.T. 0.003 min

Lab File: VL040166.D

Acq: 13 Feb 2023 18:48

Tgt Ion: 95 Resp: 1647903

Ion Ratio Lower Upper

95 100

174 63.5 47.7 71.5

175 4.5 3.4 5.2

