

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040664.D
 Acq On : 6 Sep 2023 2:30
 Operator : SY/MD
 Sample : QC083023 CAN 10258
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC083023 CAN 10258

Quant Time: Sep 06 06:08:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	912366	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2494077	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2140095	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	1763749	10.363	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.600%

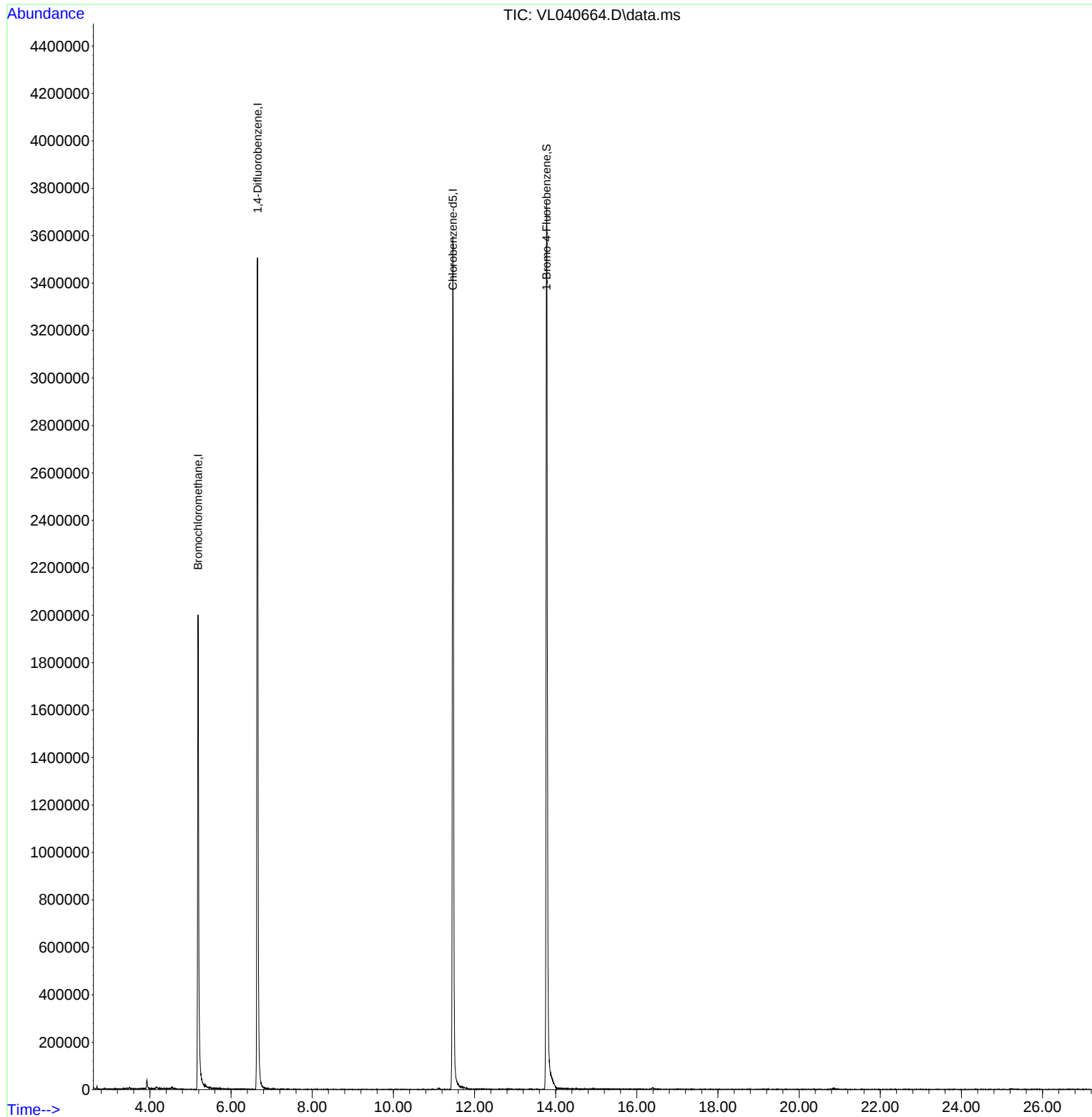
Target Compounds	Qvalue

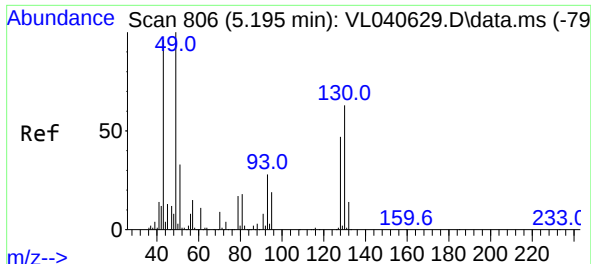
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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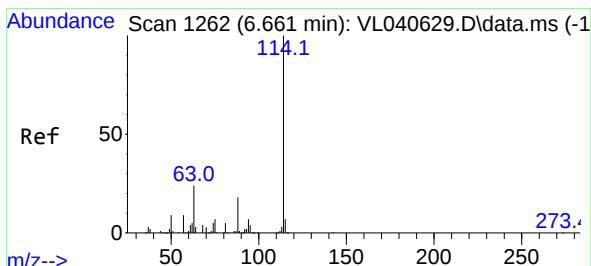
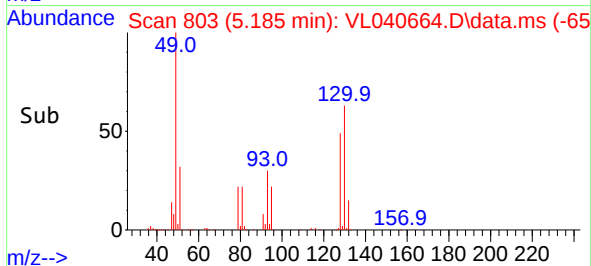
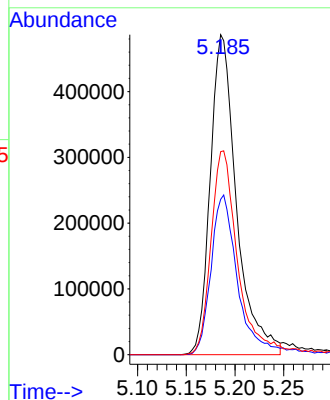
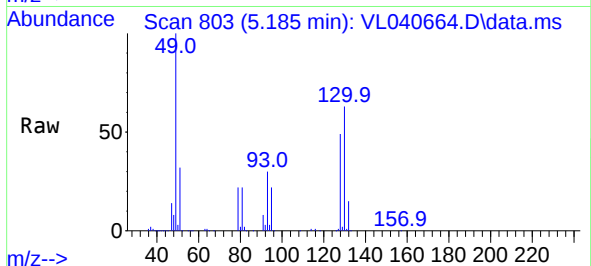




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 806
Delta R.T. -0.010 min
Lab File: VL040664.D
Acq: 6 Sep 2023 2:30

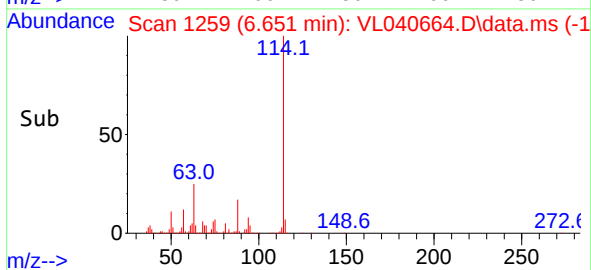
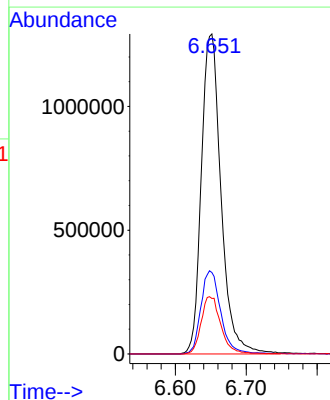
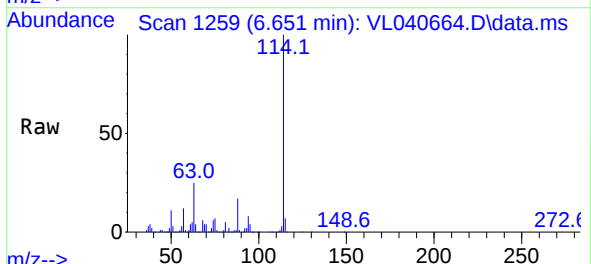
Instrument :
MSVOA_L
ClientSampleId :
QC083023 CAN 10258

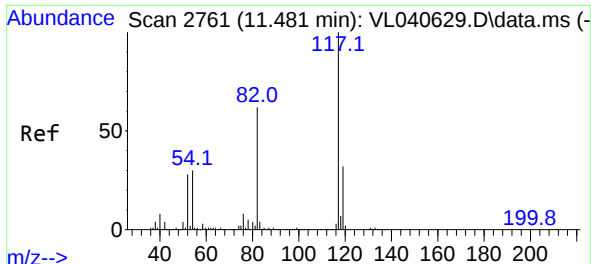
Tgt Ion: 49 Resp: 912366
Ion Ratio Lower Upper
49 100
128 52.2 24.9 74.7
130 67.3 32.2 96.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.010 min
Lab File: VL040664.D
Acq: 6 Sep 2023 2:30

Tgt Ion: 114 Resp: 2494077
Ion Ratio Lower Upper
114 100
63 26.4 20.2 30.2
88 18.0 14.1 21.1

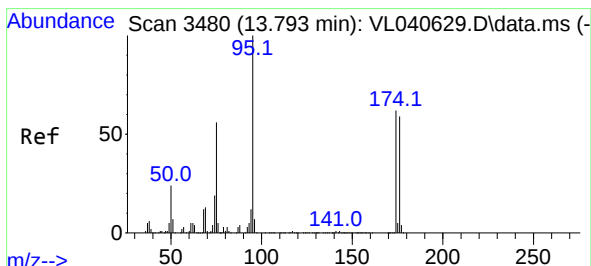
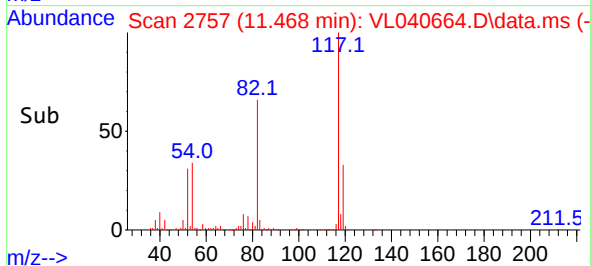
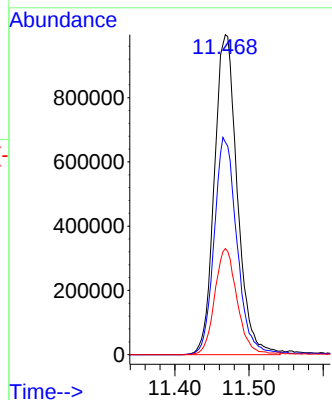
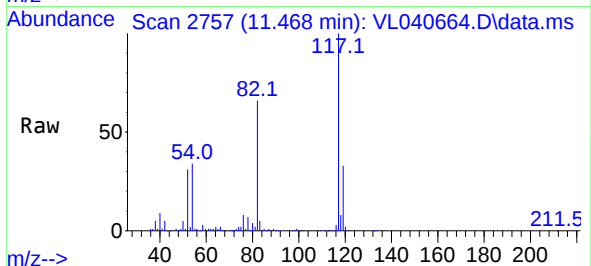




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040664.D
Acq: 6 Sep 2023 2:30

Instrument :
MSVOA_L
ClientSampleId :
QC083023 CAN 10258

Tgt Ion:117 Resp: 2140095
Ion Ratio Lower Upper
117 100
82 67.7 49.5 74.3
119 33.0 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.363 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.016 min
Lab File: VL040664.D
Acq: 6 Sep 2023 2:30

Tgt Ion: 95 Resp: 1763749
Ion Ratio Lower Upper
95 100
174 62.9 49.1 73.7
175 4.4 3.7 5.5

