

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040403.D
 Acq On : 11 May 2023 16:41
 Operator : SY/MD
 Sample : QC 050123 CAN 10282
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC 050123 CAN 10282

Quant Time: May 12 05:54:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1119510	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2890718	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2523047	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1945733	9.326	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%

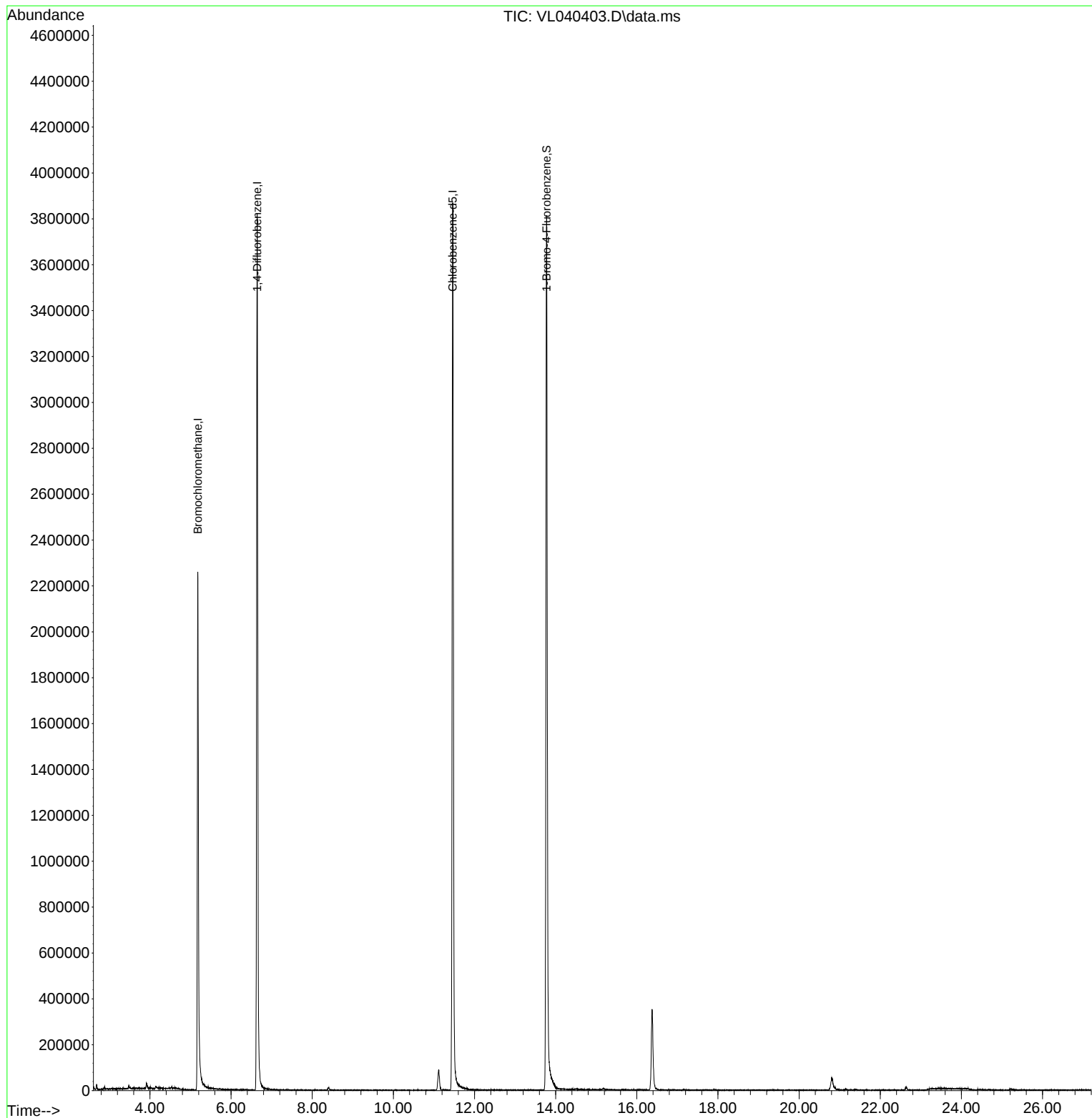
Target Compounds	Qvalue

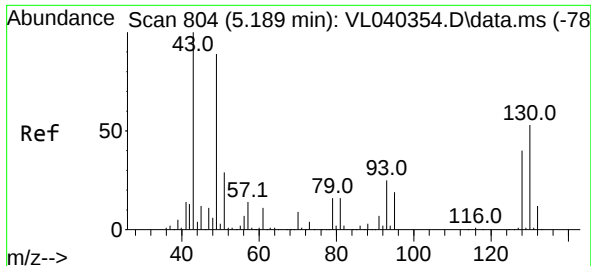
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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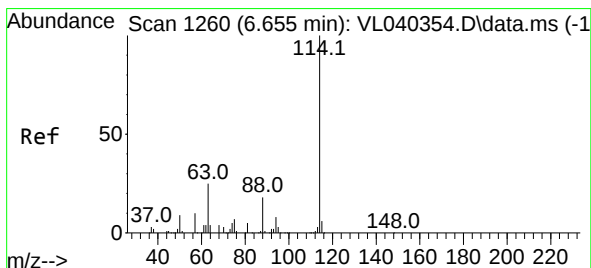
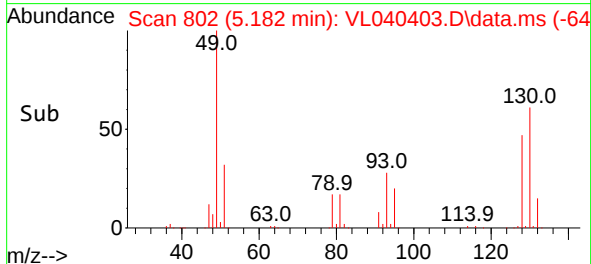
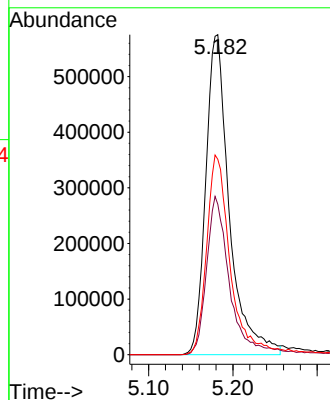
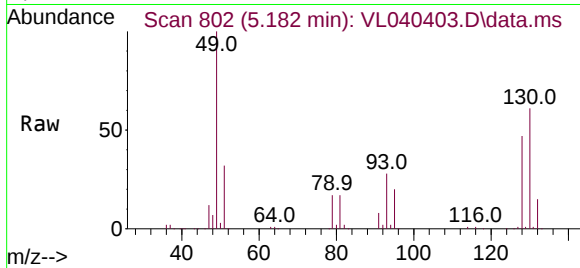




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL040403.D
Acq: 11 May 2023 16:41

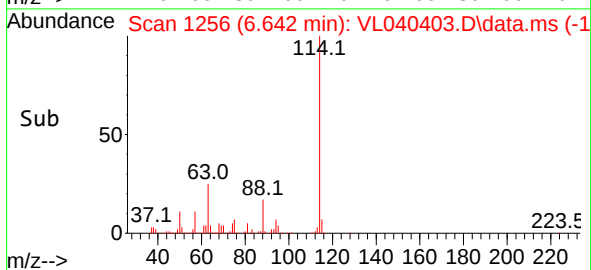
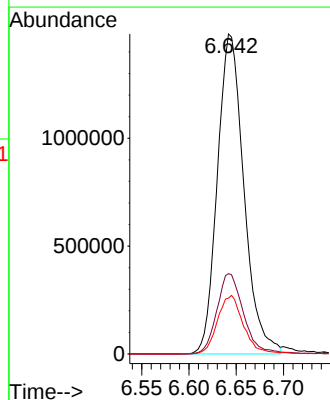
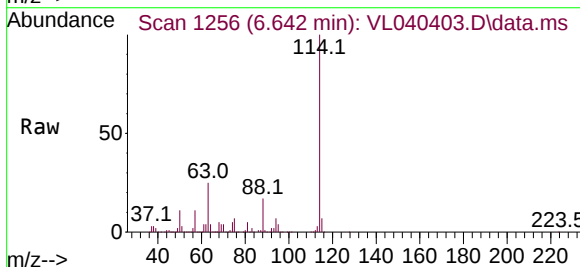
Instrument :
MSVOA_L
ClientSampleId :
QC 050123 CAN 10282

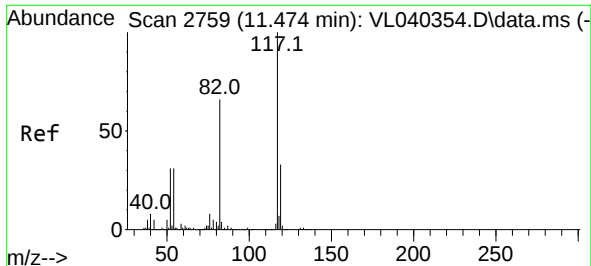
Tgt Ion: 49 Resp: 1119510
Ion Ratio Lower Upper
49 100
128 49.3 23.7 71.1
130 64.9 29.9 89.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VL040403.D
Acq: 11 May 2023 16:41

Tgt Ion: 114 Resp: 2890718
Ion Ratio Lower Upper
114 100
63 25.5 21.4 32.0
88 18.2 14.6 22.0

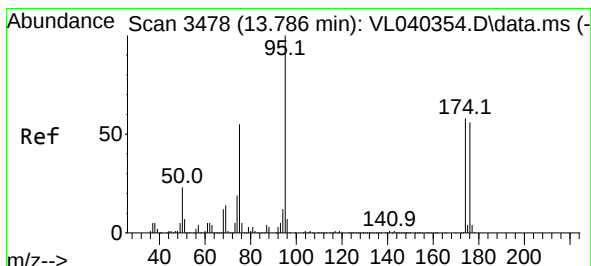
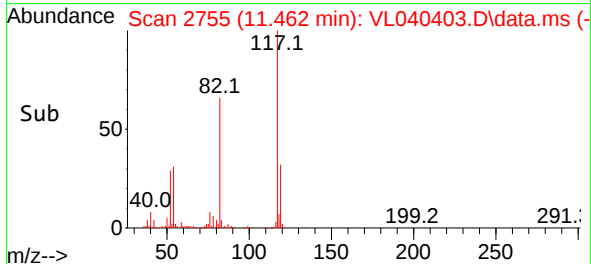
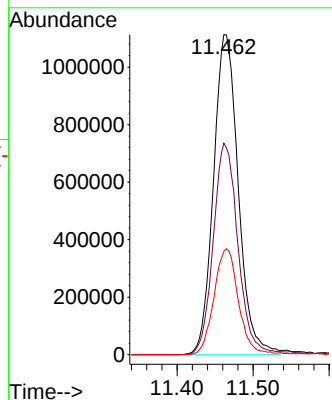
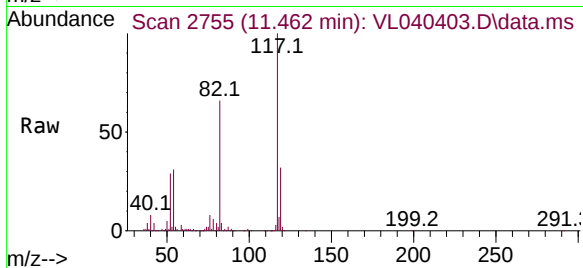




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.012 min
Lab File: VL040403.D
Acq: 11 May 2023 16:41

Instrument :
MSVOA_L
ClientSampleId :
QC 050123 CAN 10282

Tgt Ion:117 Resp: 2523047
Ion Ratio Lower Upper
117 100
82 67.0 52.5 78.7
119 33.4 24.3 36.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.326 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.009 min
Lab File: VL040403.D
Acq: 11 May 2023 16:41

Tgt Ion: 95 Resp: 1945733
Ion Ratio Lower Upper
95 100
174 62.2 47.2 70.8
175 4.4 3.5 5.3

