

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040777.D
 Acq On : 23 Oct 2023 13:46
 Operator : SY/MD
 Sample : VL1023ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1023ABL01

Quant Time: Oct 24 05:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	959427	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2749013	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.449	117	2488306	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.761	95	1894354	10.346	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%

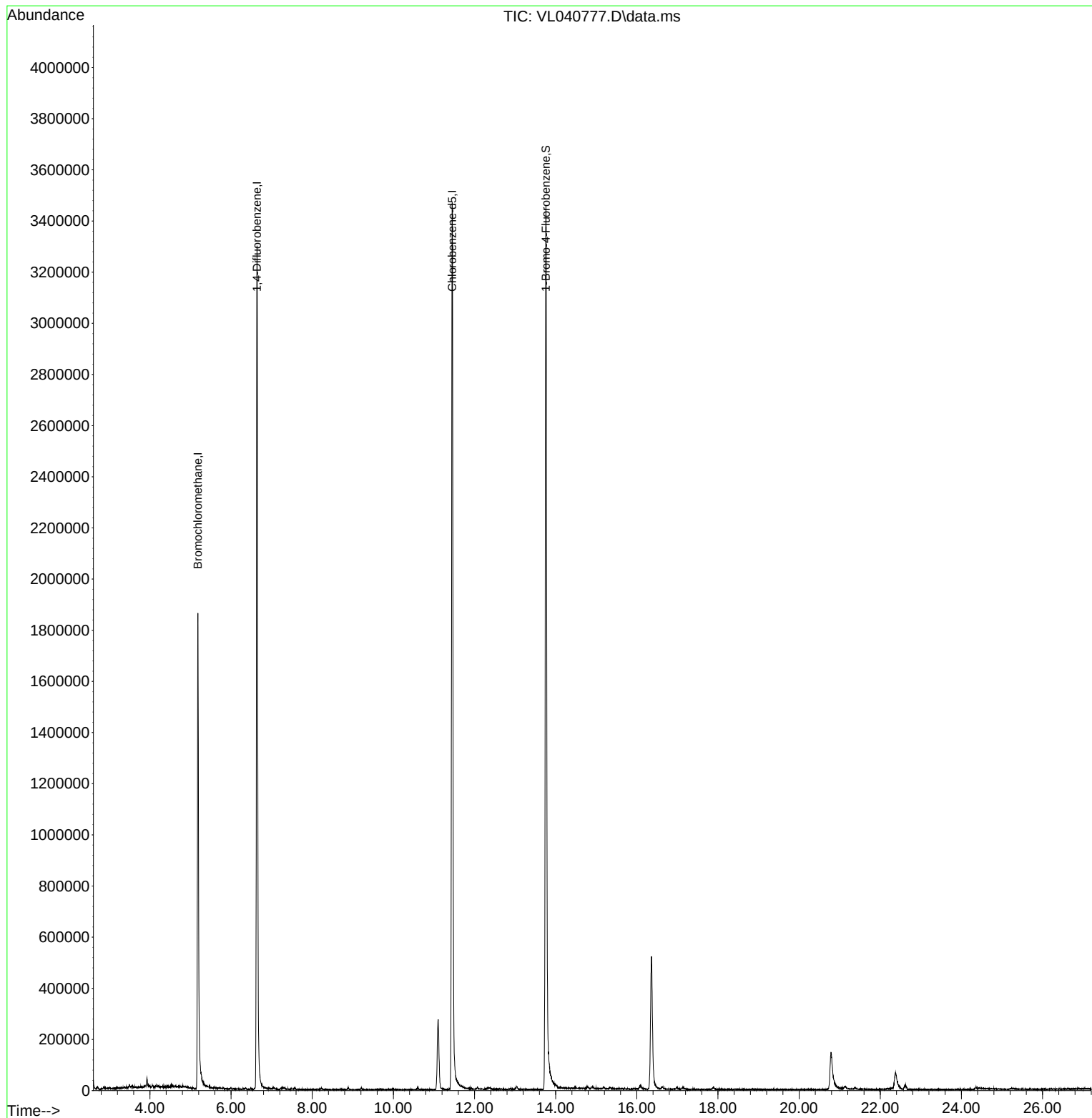
Target Compounds	Qvalue

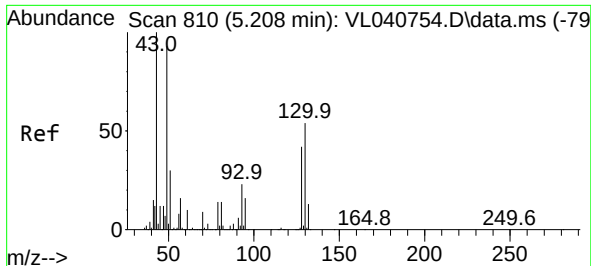
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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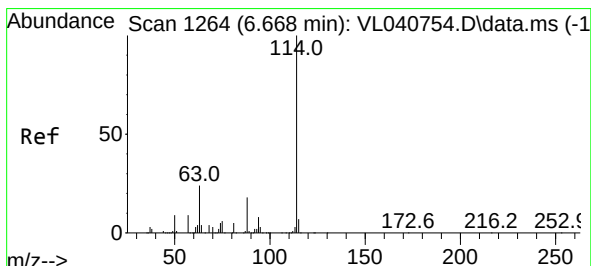
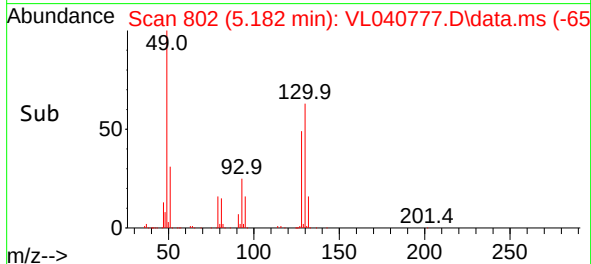
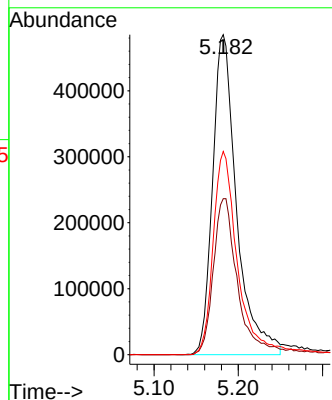
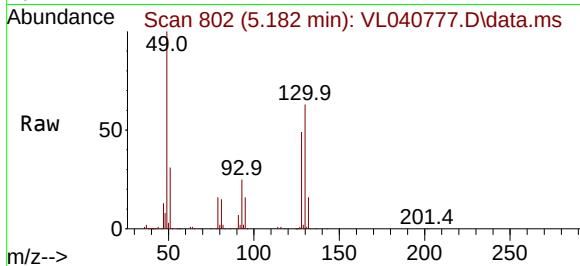




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040777.D
Acq: 23 Oct 2023 13:46

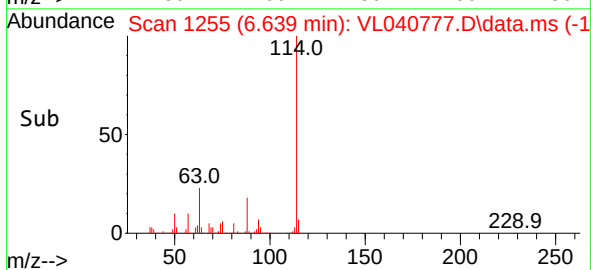
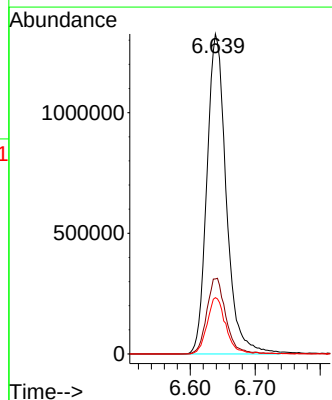
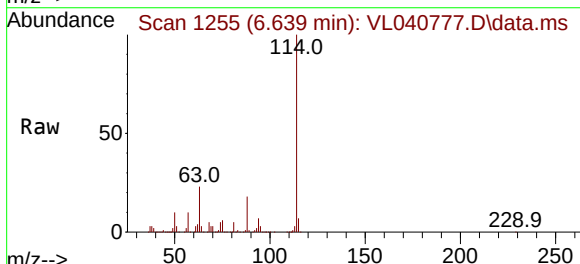
Instrument :
MSVOA_L
ClientSampleId :
VL1023ABL01

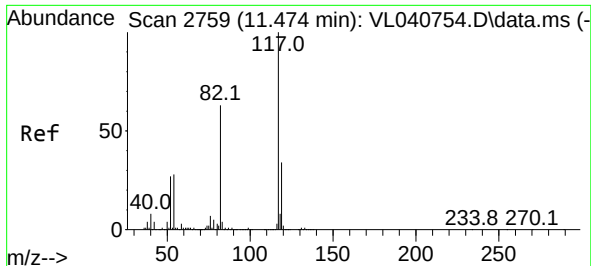
Tgt Ion: 49 Resp: 959427
Ion Ratio Lower Upper
49 100
128 51.5 23.9 71.7
130 65.6 30.7 92.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.029 min
Lab File: VL040777.D
Acq: 23 Oct 2023 13:46

Tgt Ion: 114 Resp: 2749013
Ion Ratio Lower Upper
114 100
63 23.6 19.8 29.6
88 17.2 14.2 21.2

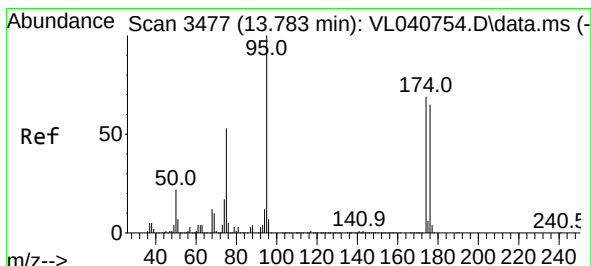
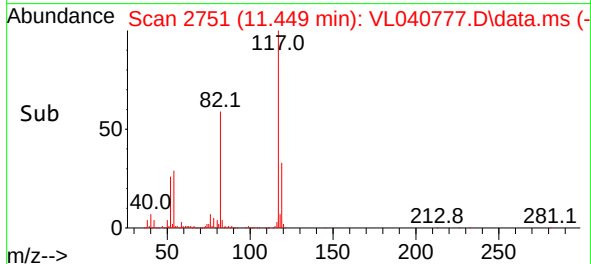
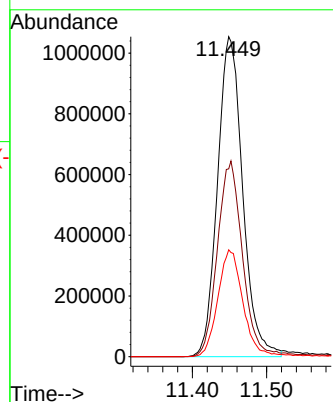
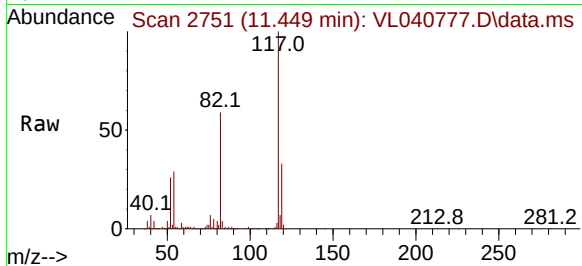




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040777.D
Acq: 23 Oct 2023 13:46

Instrument :
MSVOA_1
ClientSampleId :
VL1023ABL01

Tgt Ion:117 Resp: 2488306
Ion Ratio Lower Upper
117 100
82 62.1 46.6 70.0
119 33.9 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.346 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. -0.022 min
Lab File: VL040777.D
Acq: 23 Oct 2023 13:46

Tgt Ion: 95 Resp: 1894354
Ion Ratio Lower Upper
95 100
174 67.3 54.7 82.1
175 5.0 4.2 6.4

