

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040585.D
 Acq On : 4 Aug 2023 9:23
 Operator : SY/MD
 Sample : VL0804ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABL01

Quant Time: Aug 05 01:07:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1203629	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.648	114	3026255	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.468	117	2570544	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	2079039	10.219	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%

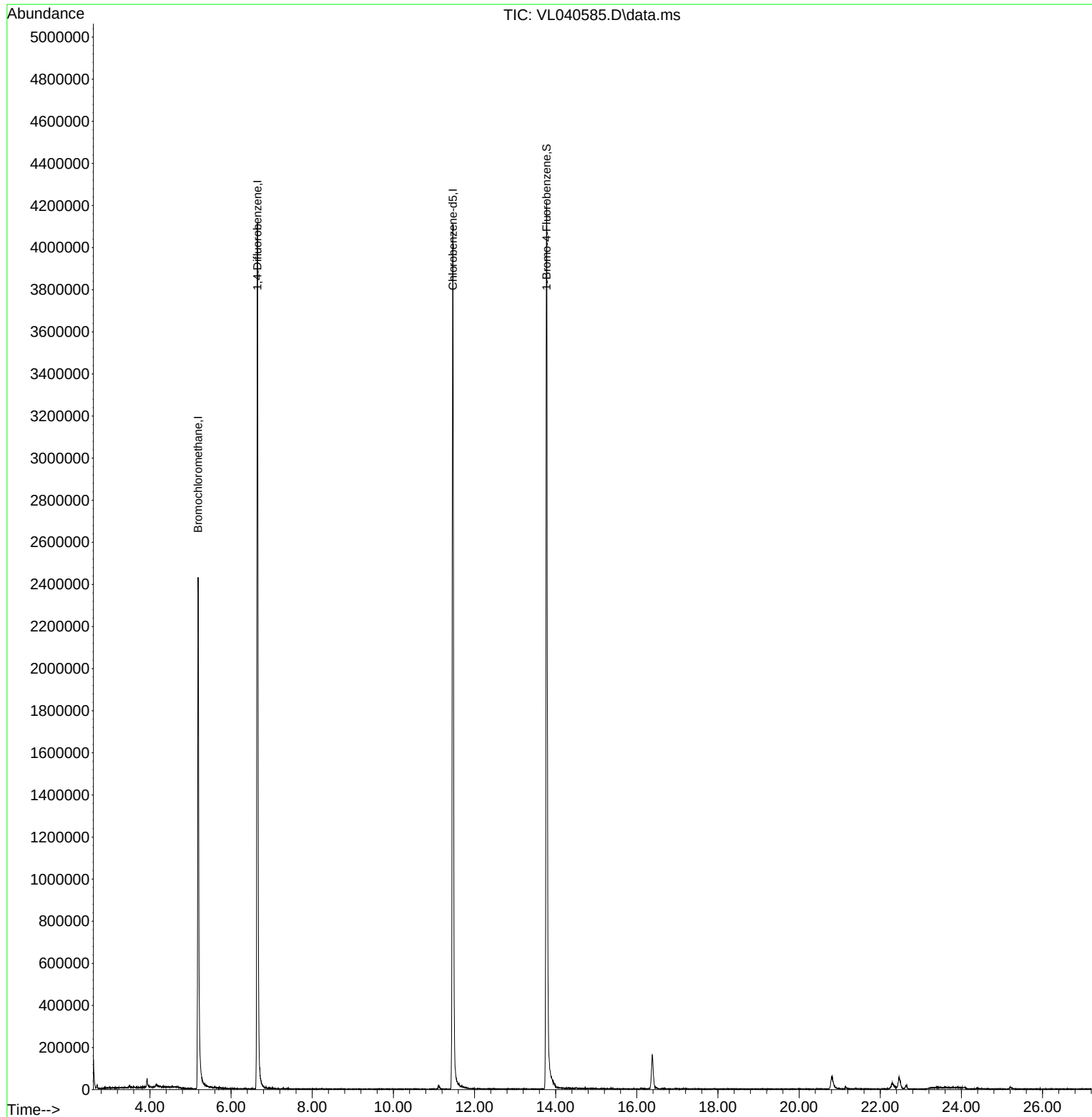
Target Compounds	Qvalue

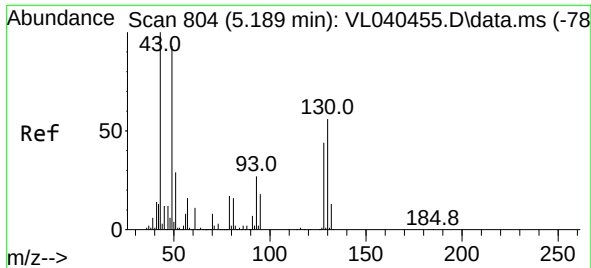
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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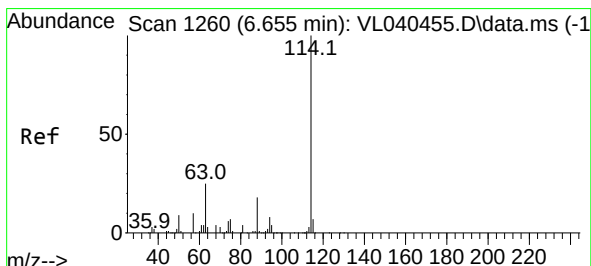
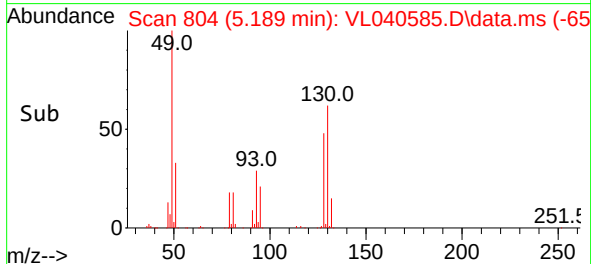
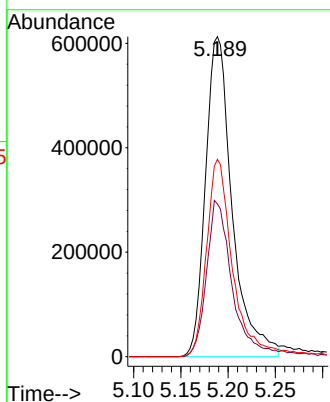
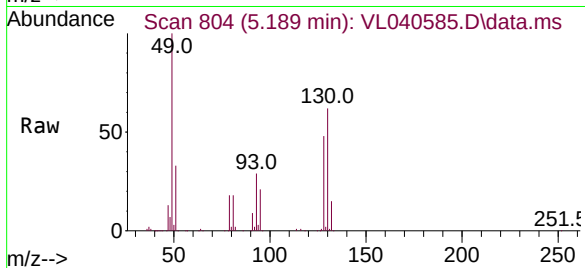




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

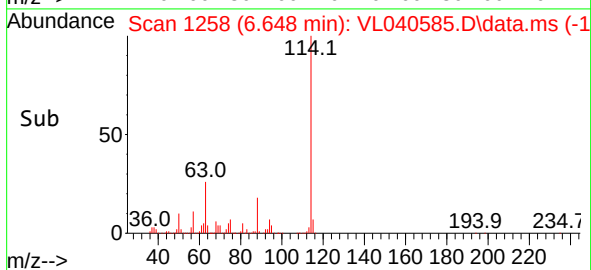
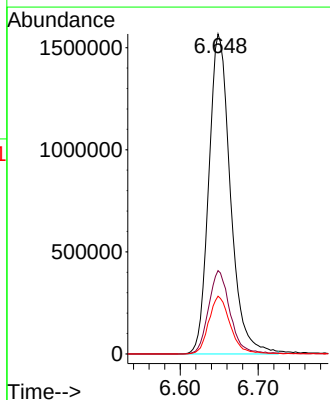
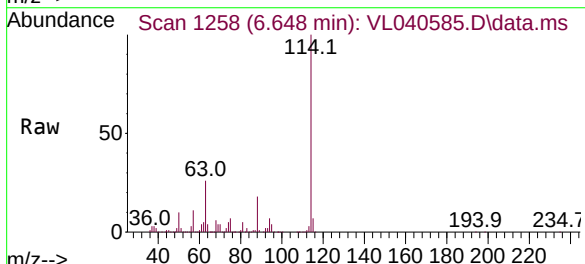
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABL01

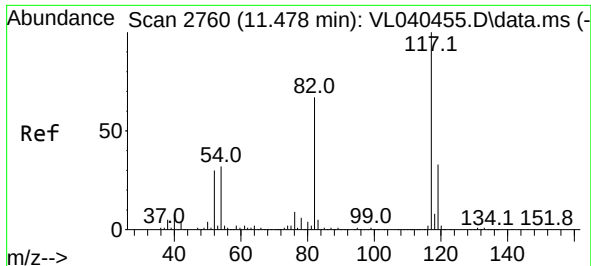
Tgt Ion: 49 Resp: 1203629
Ion Ratio Lower Upper
49 100
128 48.8 25.1 75.4
130 62.5 31.6 94.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.016 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

Tgt Ion: 114 Resp: 3026255
Ion Ratio Lower Upper
114 100
63 26.2 19.6 29.4
88 18.0 14.2 21.2

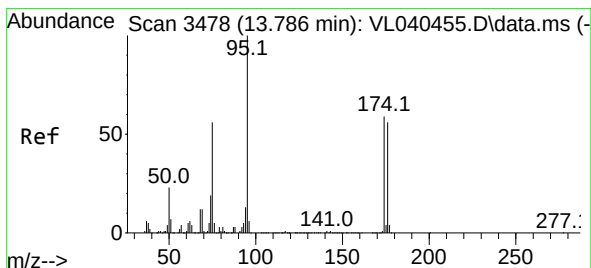
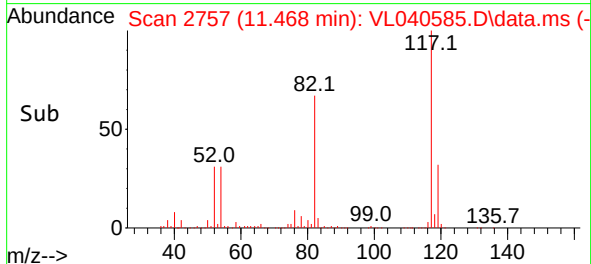
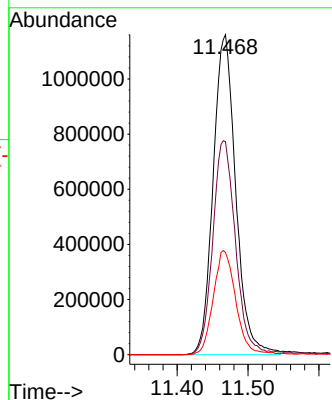
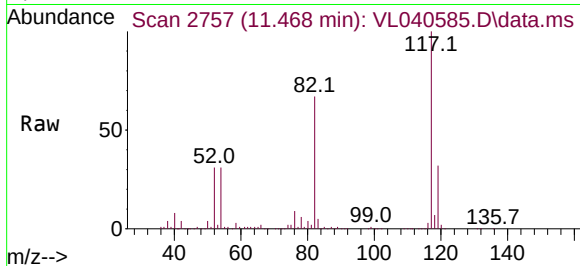




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

Instrument :
MSVOA_1
ClientSampleId :
VL0804ABL01

Tgt Ion:117 Resp: 2570544
Ion Ratio Lower Upper
117 100
82 68.1 50.2 75.4
119 32.6 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.219 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.006 min
Lab File: VL040585.D
Acq: 4 Aug 2023 9:23

Tgt Ion: 95 Resp: 2079039
Ion Ratio Lower Upper
95 100
174 60.4 50.6 75.8
175 4.3 3.7 5.5

